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FEDERAL MILK ORDER MARKET STATISTICS

JANUARY HIGHLIGHTS

MINIMUM CLASS I PRICE, \$10.91; BLEND, \$10.07

PRODUCER DELIVERIES UP 1.6 PERCENT

PRODUCER MILK USED IN CLASS I UP 1.4 PERCENT

56 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 2.0 PERCENT

* SPECIALS THIS ISSUE *

* Annual In-Area Fluid Milk Sales - See page 18 *

* How Federal Milk Order Market Statistics Are
* Developed and What they Mean - See page 35 *

* Federal Milk Order Market Administrator Budgets,*
* 1977 and 1978 - See page 40 *

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
WASHINGTON, D.C.

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FEDERAL MILK ORDER MARKET STATISTICS

Summary of Producer deliveries, producer deliveries used in Class I, and prices

Year	Number of markets	Average number of producers	Change from prev. year 1/	Producer deliveries	Average daily deliveries	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Bil. lb.	Pct.	Pounds	Bil. lb.	Pct.	Percent	Dollars	Dollars
1973	61	131,565	66.2	-3.6	1,386	40.5	-1.0	61	8.03	7.31
1974	61	126,094	67.8	2.3	1,473	39.3	-3.0	58	9.35	8.36
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	8.64
1976	50	124,959	74.6	7.4	1,677	41.0	1.9	55	10.74	9.80
1977	47	122,744	77.9	4.8	1,763	41.1	.6	53	10.62	9.76

1/ Percentages computed from unrounded pounds. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

Year and month	Number of producers	Change from prev. year 1/	Producer deliveries	Average daily deliveries	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Bil. lb.	Pct.	Mill. lb.	Lb.	Percent	Dollars	Dollars
1978:									
Jan.	46	118,323	6.4	1.6	205.1	1,734	3.6	56	10.91
Feb.									10.38
Mar.									10.07
Apr.									9.46
May									
June									
July									
Aug.									
Sept.									
Oct.									
Nov.									
Dec.									
Year to date 3/									

1/ Percentages computed from unrounded pounds.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

3/ Average or total. May not add due to rounding.

Summary of packaged fluid milk and fluid cream product sales 1/

Year	No. of mks.	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and Cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Mil. lb.	Percent	Change	Mil. lb.	Percent	Change	Mil. lb.	Percent	Change	Mil. lb.	Percent	Change	Mil. lb.	Percent	Change
		Sales	prev. test	over Bf.	Sales	prev. test	over Bf.	Sales	prev. test	over Bf.	Sales	prev. test	over Bf.	Sales	prev. test	over Bf.
		year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/	year 6/
1973	61	29,854	- 3.0	3.42:	10,273	9.1	1.46:	405	- 2.1	11.1:	291	3.4	23.2:	41,138	- 0.2	3.14
1974	61	28,067	- 5.6	3.41:	10,910	6.4	1.46:	386	- 4.5	10.9:	328	7/ 7.6	22.1:	39,881	- 2.5	3.10
1975	56	27,939	- .5	3.37:	11,989	9.9	1.47:	378	- 2.0	11.0:	363	7/10.9	21.8:	40,890	2.5	3.05
1976 8/	49	23,702	- .4	3.34:	12,435	9.0	1.49:	346	4.9	11.1:	359	4.7	21.3:	37,089	2.7	2.97
1977 8/	49	2,028	- 3.2	3.34:	1,125	5.3	1.50:	27	- 1.8	11.1:	24	- 7.4	21.0:	3,219	- 0.4	2.89
Jan.	49	1,827	2.5	3.33:	1,037	12.1	1.48:	26	5.1	11.1:	23	- 1.2	21.0:	2,929	5.8	2.88
Feb.	49	2,036	- 1.7	3.33:	1,166	8.7	1.48:	29	- .6	11.1:	28	- 4.1	20.7:	3,281	1.9	2.88
Mar.	49	1,930	- 3.9	3.33:	1,110	6.7	1.47:	28	- 2.6	11.2:	28	- 4.5	21.4:	3,118	- .2	2.89
Apr.	46	1,893	- 3.3	3.32:	1,083	7.7	1.48:	28	- 3.0	11.1:	28	.5	21.2:	3,054	.6	2.89
May 9/	46	1,778	- 1.3	3.32:	1,019	7.5	1.48:	28	- 2.3	11.1:	29	- .5	21.2:	2,877	1.9	2.92
June	46	1,786	- 5.9	3.33:	1,007	2.8	1.48:	28	- 6.5	11.1:	28	- 7.1	21.0:	2,868	- 2.8	2.92
July	46	1,905	1.0	3.33:	1,076	10.5	1.49:	30	2.9	11.0:	29	3.0	20.5:	3,060	4.4	2.91
Aug.	46	1,992	- 1.1	3.33:	1,174	9.8	1.50:	28	2.3	11.0:	26	- 3.1	20.5:	3,239	2.7	2.87
Sept.	46	1,983	- 3.4	3.34:	1,176	6.1	1.51:	29	.1	11.0:	26	- 4.9	20.5:	3,232	0	2.87
Oct.	46	1,947	- 3.9	3.34:	1,164	5.7	1.50:	30	- 2.3	10.9:	36	- .9	22.1:	3,210	- .4	2.97
Nov.	46	1,990	- 2.7	3.34:	1,177	5.9	1.51:	32	1.1	11.0:	44	.2	21.3:	3,309	.5	3.06
Dec.	46	23,094	- 2.3	3.33:	13,313	7.4	1.49:	343	- .7	11.1:	350	- 2.3	21.1:	37,398	1.1	2.91

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified, flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey. Data for comparable Federal milk order markets can be found on tables 10 and 11.

9/ The decreased number of markets reflects the merger of Cedar Rapids-Iowa City, Des Moines, Quad Cities-Dubuque, and North Central Iowa. See "Major Order Actions, May 1977" in FMOS-209, May 1977.

Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	No. of mths.	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			SKIM MILK POWDER			TOTAL 2/		
		Percent			Percent			Percent			Percent			Percent			Percent		
		Mil. lbs.	Change over prev. year	Bf.	Mil. lbs.	Change over prev. year	Bf.	Mil. lbs.	Change over prev. year	Bf.	Mil. lbs.	Change over prev. year	Bf.	Mil. lbs.	Change over prev. year	Bf.	Mil. lbs.	Change over prev. year	Bf.
1973	61	952	-13.6	39.2	7,631	8.5	3.83	2,540	-3.2	10.9	4,535	-6.4	1.11	5,151	-22.5	.05	27,914	-4.0	4.29
1974	61	1,026	2.4	37.2	10,878	41.3	3.78	2,534	3.8	11.3	4,046	-7.8	1.15	5,932	15.3	.07	30,844	10.6	4.28
1975	56	984	-1.4	38.2	11,621	7.4	3.80	2,868	16.5	11.7	4,126	-1.5	1.11	5,926	-	.07	31,397	4.2	4.38
1976 1/2	49	984	13.8	40.9	13,339	26.8	3.75	2,672	3.3	11.8	3,289	7.2	1.09	6,043	15.0	.08	31,209	14.1	4.46
1977 1/2	49	110	28.1	41.8	1,158	26.0	3.96	164	3.7	13.5	245	0.7	1.09	481	37.7	0.10	2,551	19.2	5.04
Jan.	49	98	26.0	42.3	1,113	23.9	3.88	179	6.2	12.7	251	4.9	1.10	463	19.1	.09	2,493	18.6	4.85
Feb.	49	101	21.3	41.9	1,317	22.6	3.79	242	3.4	12.0	307	-2.6	1.08	573	26.5	.08	2,985	15.5	4.59
Mar.	49	103	19.2	40.6	1,459	22.4	3.71	238	-	11.5	286	-4.4	1.07	673	19.2	.07	3,213	13.4	4.29
Apr.	46	110	12.9	38.2	1,553	18.6	3.66	270	8.8	11.0	303	.2	1.10	770	12.2	.07	3,495	12.1	4.14
May	46	98	14.5	38.0	1,454	10.6	3.59	284	.6	11.1	297	-7.9	1.08	757	7.8	.08	3,391	6.6	4.01
June	46	87	6.5	36.8	1,358	7.8	3.57	275	-2.6	11.2	286	-5.7	1.07	706	4.6	.08	3,187	3.3	3.94
July	46	78	13.7	39.6	1,198	5.8	3.62	292	7.9	11.5	297	-7.0	1.04	629	14.4	.08	2,974	7.7	4.11
Aug.	46	80	18.8	40.0	1,011	6.9	3.82	230	-1.8	11.8	272	.8	1.02	443	12.3	.09	2,451	6.8	4.52
Sept.	46	96	12.7	39.6	1,046	6.0	3.97	192	-2.9	12.4	252	6.3	1.08	442	10.3	.09	2,417	5.8	4.83
Oct.	46	90	3.0	39.1	1,012	.6	3.97	180	.1	13.0	253	-4.1	1.00	398	11.4	.10	2,285	1.1	4.88
Nov.	46	98	-4.0	40.5	1,220	2.4	3.93	155	-4.2	12.8	228	-6.5	1.06	469	-9.5	.10	2,575	-.8	4.73
Dec.	46																		
Year to date	—	1,148	14.1	39.9	14,900	12.6	3.77	2,701	1.6	11.9	3,277	-2.4	1.07	6,803	12.7	.08	34,016	9.0	4.45

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

6/ The decreased number of markets reflects the merger of Cedar Rapids-Iowa City, North Central Iowa, Quad Cities-Dubuque, and Des Moines. See "Major Order Actions, May 1977" in FMOS - 209, May 1977.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	No. of comp. mks.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Mil. lb.	Percent			Mil. lb.	Percent			Mil. lb.	Percent		
			Change over previous year 4/	Bf. test	Unadj.		Adj. 5/	Change over previous year 4/	Bf. test		Unadj.	Adj. 5/	
1974 6/	57	22,243	- 6.2	- 6.2	3.41	9,724	6.5	6.6	1.49	31,967	- 2.7	- 2.7	2.82
1975 7/	55	22,180	- .9	- .9	3.36	10,757	9.8	9.9	1.49	32,937	2.3	2.3	2.75
1976 8/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	7.0	1.50	33,324	.3	.3	2.69
1977 7/	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	.1	.2	2.66
1978 2/	46	1,923	- 1.0	- .4	3.34	1,149	5.8	6.7	1.51	3,073	1.4	2.0	2.65
January													
February													
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
Year to date													

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 210, June 1977.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ Estimated.

Table 1.—Federal order fluid differentials, February and March 1978; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point* and butterfat differentials, February 1977 and 1978; and Class I price March 1977 and 1978

Marketing area	Fluid diff. per 100 lb. 1/	Class I price per 100 lb.	Fat diff. 0.1%	Class I price per 100 lb.	Fat diff. 0.1%	Class I price per 100 lb.	Marketing area	Fluid diff. per 100 lb. 1/	Class I price per 100 lb.	Fat diff. 0.1%	Class I price per 100 lb.				
												February		March	
												1978	1977	1978	1977
NEW ENGLAND															
New England	2.98	11.85	11.23	11.6	10.4	11.89	11.17	WEST NORTH CENTRAL -Con.							
								Southern Group							
								St. Louis-Oarks							
								Greater Kansas City							
								Neosho Valley							
								Wichita							
MIDDLE ATLANTIC															
New York-New Jersey	2.61	11.48	10.89	11.6	10.4	11.52	10.83	EAST SOUTH CENTRAL							
Middle Atlantic	2.78	11.65	11.03	11.6	10.4	11.69	10.97	Paducah							
								Nashville							
								Memphis							
								Tennessee Valley							
SOUTH ATLANTIC															
Tampa Bay	2.95	11.82	11.20	11.6	10.4	11.86	11.14	Northern Group							
Southeastern Florida	3.15	12.02	11.40	11.6	10.4	12.06	11.34	Central Arkansas							
Upper Florida	2.85	11.72	11.10	11.6	10.4	11.76	11.04	Fort Smith							
Georgia	2.30	11.17	10.55	11.6	10.4	11.21	10.49	Oklahoma Metropolitan							
								Red River Valley							
EAST NORTH CENTRAL															
Eastern Group	1.60	10.47	9.85	11.4	10.3	10.51	9.79	Texas Panhandle							
Southern Michigan	1.85	10.72	10.10	11.6	10.4	10.76	10.04	Lubbock-Plainview							
Eastern Ohio-W. Pa.	1.70	10.57	9.95	11.6	10.4	10.61	9.89	Southern Group							
Ohio Valley								Greater Louisiana							
								New Orleans-Mississippi							
								Texas							
								MOUNTAIN							
								Eastern Colorado							
								Great Basin							
								Western Colorado							
								Central Arizona							
								Rio Grande Valley							
								Lake Mead							
								PACIFIC							
								Puget Sound							
								Inland Empire							
								Oregon-Washington							

* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content.

2/ Tied to the St. Louis-Osarks order.

3/ The data shown for the previous year represent what the prices would have been had the order been in effect at those times.

4/ Tied to the Oklahoma Metropolitan order.

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, JANUARY**

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	JAN 1978	JAN 1977	JAN 1978	JAN 1977	JANUARY 1978		JANUARY 1978			
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND <u>1/</u>	11.77	11.24	10.78	10.22	9.00	---	11.6	11.6	---	11.6
AVERAGE <u>2/</u>	11.77	11.24	10.78	10.22	---	---	11.6	---	---	11.6
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY <u>3/</u>	11.40	10.90	10.18	9.66	9.02	---	11.6	11.6	---	11.6
MIDDLE ATLANTIC <u>4/</u>	11.57	11.04	<u>5/</u> 10.44	<u>5/</u> 9.98	8.96	---	11.6	11.6	---	11.6
AVERAGE <u>2/</u>	11.47	10.96	10.28	9.78	---	---	11.6	---	---	11.6
SOUTH ATLANTIC										
TAMPA BAY	11.74	11.21	11.54	11.11	9.06	---	11.6	11.6	---	11.6
SOUTHEASTERN FLORIDA <u>6/</u>	11.94	11.41	11.70	11.35	9.06	<u>7/</u> 4.55	11.6	11.6	11.6	11.6
UPPER FLORIDA <u>8/</u>	11.64	11.11	11.56	11.10	9.06	---	11.6	11.6	---	11.6
GEORGIA <u>9/</u>	11.09	10.56	10.68	10.07	9.01	8.91	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	11.51	10.98	11.21	10.71	---	---	11.6	---	---	11.6
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN <u>10/</u>	10.39	9.86	9.81	9.19	9.06	8.91	11.4	11.4	11.4	11.4
EASTERN OHIO-WESTERN PA. <u>11/</u>	10.64	10.11	<u>12/</u> 10.00	<u>12/</u> 9.41	9.01	8.91	11.6	11.6	11.6	11.6
OHIO VALLEY <u>13/</u>	10.49	9.96	10.02	9.37	9.01	8.91	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.50	9.97	9.93	9.31	---	---	11.5	---	---	11.5
WESTERN GROUP										
MICHIGAN UPPER PENINSULA <u>14/</u> <u>15/</u>	10.14	9.61	9.58	8.98	8.91	---	12.7	11.6	---	12.1
CHICAGO REGIONAL <u>16/</u>	10.05	9.52	9.44	8.76	9.01	8.91	11.6	11.6	11.6	11.6
LSVILLE-LXCICN-EVNSVILLE	10.49	9.96	9.96	9.37	9.01	8.91	11.6	11.6	11.6	11.6
INDIANA <u>17/</u>	10.26	9.73	<u>12/</u> 9.86	<u>12/</u> 9.25	9.01	8.91	11.6	11.6	11.6	11.6
SOUTHERN ILLINOIS <u>18/</u>	10.32	9.79	9.84	9.20	9.01	8.91	11.6	11.6	11.6	11.6
CENTRAL ILLINOIS <u>19/</u>	10.18	9.65	9.82	9.14	9.01	8.91	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.18	9.65	9.58	8.92	---	---	11.6	---	---	11.6
WEST NORTH CENTRAL										
NORTH-ERN GROUP										
UPPER MIDWEST <u>20/</u>	9.91	9.38	9.18	8.52	9.01	8.91	11.6	11.6	11.6	11.6
EASTERN SOUTH DAKOTA <u>21/</u>	10.19	9.66	9.60	8.96	9.01	8.91	11.6	11.6	11.6	11.6
BLACK HILLS <u>22/</u>	10.74	10.21	10.24	9.30	8.91	---	12.2	11.1	---	11.6
IOWA <u>23/</u>	10.19	<u>24/</u> 9.61	9.61	<u>24/</u> 8.97	9.01	8.91	11.6	11.6	11.6	11.6
NEBRASKA - WESTERN IOWA <u>25/</u>	10.39	9.86	<u>12/</u> 9.76	<u>12/</u> 9.01	9.01	8.91	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.06	9.53	9.27	8.61	---	---	11.6	---	---	11.6

* Major city in the marketing area. ** All averages are weighted. 1/ Nearby plant zone prices; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. 2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa. 3/ New York City metropolitan area. Price excludes a 15-cent direct delivery differential in 1978, 5 cents in 1977. Prices at 201-210 mile zone: Class I and blend, 36 cents less in 1978, 24 cents less in 1977; Class II, eight cents less. 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. 5/ Seven cents for advertising and promotion has been deducted from the blend price. 6/ Miami. 7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 8/ Jacksonville and Tallahassee. 9/ Atlanta. 10/ Price excludes direct delivery differentials applicable to milk delivered to Detroit of 8 cents in 1977 and 10 cents in 1978. 11/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 12/ Five cents for advertising and promotion has been deducted from the blend price. 13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 14/ Zone 2 (Marquette). 15/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. 17/ Indianapolis. 18/ Base zone (Alton). Class I and blend price at Carbondale (southeastern zone) seven cents more. 19/ Peoria. 20/ Zone I (Minneapolis). 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, IL., minus seven cents; Waterloo, minus sixteen cents. 24/ Represents a weighted average price for the merged orders. 25/ Zone I (Omaha).

TABLE 2.- FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, JANUARY** -CON.

MARKETING AREA	PRICES PER 100 POUNDS								FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND		
	JAN 1978	JAN 1977	JAN 1978	JAN 1977	JANUARY 1978		JANUARY 1978					
	DOLLARS								CENTS			
WEST NORTH CENTRAL -CON.												
SOUTHERN GROUP												
ST LOUIS - CZARKS <u>26/</u>	10.39	9.86	<u>12/</u> 9.89	<u>12/</u> 9.30	9.01	8.91	11.6	11.6	11.6	11.6		
GREATER KANSAS CITY <u>27/</u>	10.53	10.00	<u>12/</u> 9.85	<u>12/</u> 9.18	9.01	8.91	11.6	11.6	11.6	11.6		
NEOSHO VALLEY <u>28/</u>	10.44	9.91	<u>12/</u> 10.20	<u>12/</u> 9.63	9.01	8.91	11.6	11.6	11.6	11.6		
WICHITA <u>29/</u>	10.59	10.06	<u>12/</u> 10.14	<u>12/</u> 9.28	9.01	8.91	11.6	11.6	11.6	11.6		
AVERAGE <u>2/</u>	10.45	9.92	9.90	9.26	---	---	11.6	---	---	11.6		
EAST SOUTH CENTRAL												
PADUCAH	10.49	9.96	10.18	9.61	9.01	8.91	11.6	11.6	11.6	11.6		
NASHVILLE	10.64	10.11	9.87	9.34	9.01	8.91	11.6	11.6	11.6	11.6		
MEMPHIS <u>30/</u>	10.73	10.20	<u>12/</u> 10.43	<u>12/</u> 9.90	9.01	8.91	11.6	11.6	11.6	11.6		
TENNESSEE VALLEY <u>31/</u>	10.89	10.36	10.46	9.87	9.01	8.91	11.6	11.6	11.6	11.6		
AVERAGE <u>2/</u>	10.79	10.25	10.29	9.72	---	---	11.6	---	---	11.6		
WEST SOUTH CENTRAL												
NORTHERN GROUP												
CENTRAL ARKANSAS <u>32/</u>	10.73	10.20	<u>12/</u> 10.45	<u>12/</u> 9.93	9.01	8.91	11.6	11.6	11.6	11.6		
OKLAHOMA METROPOLITAN <u>34/</u>	10.77	10.24	<u>12/</u> 10.31	<u>12/</u> 9.73	9.01	8.91	11.6	11.6	11.6	11.6		
RED RIVER VALLEY <u>35/</u>	10.99	10.46	<u>12/</u> 10.47	<u>12/</u> 9.98	9.01	8.91	11.6	11.6	11.6	11.6		
TEXAS PANHANDLE <u>36/</u>	11.04	10.51	<u>12/</u> 10.74	<u>12/</u> 10.25	9.01	8.91	11.6	11.6	11.6	11.6		
LUBBOCK - PLAINVIEW	11.21	10.68	<u>12/</u> 11.02	<u>12/</u> 10.32	9.01	8.91	11.6	11.6	11.6	11.6		
AVERAGE <u>2/</u>	10.82	10.30	10.42	9.87	---	---	11.6	---	---	11.6		
SOUTHERN GROUP												
GREATER LOUISIANA <u>37/</u>	11.26	10.73	10.93	10.32	9.01	8.91	11.6	11.6	11.6	11.6		
NEW ORLEANS-MISSISSIPPI <u>38/</u>	11.64	11.11	11.11	10.50	9.01	8.91	11.6	11.6	11.6	11.6		
TEXAS <u>39/</u>	11.11	10.58	<u>12/</u> 10.63	<u>12/</u> 10.04	9.01	8.91	11.6	11.6	11.6	11.6		
AVERAGE <u>2/</u>	11.23	10.71	10.76	10.18	---	---	11.6	---	---	11.6		
MOUNTAIN												
EASTERN COLORADO <u>40/</u>	11.09	10.56	10.53	9.93	9.06	8.91	13.2	12.1	12.1	12.7		
GREAT BASIN <u>41/</u>	10.69	10.16	10.03	9.36	9.06	8.91	12.2	11.6	11.6	11.9		
WESTERN COLORADO <u>42/</u>	10.79	10.26	10.54	10.02	8.96	8.91	12.2	12.1	12.1	12.2		
CENTRAL ARIZONA <u>43/</u>	11.13	10.78	10.52	9.92	9.01	8.91	11.6	11.6	11.6	11.6		
RIO GRANDE VALLEY <u>44/</u>	11.14	10.61	<u>12/</u> 10.72	<u>12/</u> 10.14	9.01	8.91	11.6	11.6	11.6	11.6		
LAKE MEAD <u>45/</u>	10.39	9.86	10.08	9.46	9.06	8.91	12.2	11.6	11.6	12.0		
AVERAGE <u>2/</u>	10.99	10.50	10.42	9.80	---	---	12.2	---	---	12.0		
PACIFIC												
PUGET SOUND <u>46/</u>	10.64	10.11	9.71	9.06	9.16	8.91	11.6	11.6	11.6	11.6		
INLAND EMPIRE <u>47/</u>	10.74	10.21	9.90	9.26	9.16	8.91	12.5	11.6	11.6	11.9		
OREGON - WASHINGTON <u>48/</u>	10.74	10.21	10.04	9.43	9.16	8.91	12.2	11.6	11.6	11.8		
AVERAGE <u>2/</u>	10.70	10.17	9.86	9.23	---	---	12.0	---	---	11.7		
<u>45-</u> MARKET AVERAGE <u>2/ 32/</u>	10.91	10.38	10.07	9.46	<u>49/</u> 9.00	---	11.6	---	---	11.6		
ALL-MARKET AVERAGE	10.89	10.36	10.06	9.46	<u>49/</u> 9.01	---	11.6	---	---	11.6		

26/ Zone I (St. Louis and Springfield). 27/ Kansas City and Topeka. 28/ Pittsburg, Kansas. 29/ Zone I (Wichita). 30/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 31/ Bristol, Chattanooga, and Knoxville. 32/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1978, \$10.74 and 1977, \$10.21; Blend 12/ 1978, \$10.48 and 1977, \$9.99; Class II 1978, \$9.01 and 1977, \$8.29; Class III 1978, \$8.91 and 1977, \$8.19. Fat differential: Class I 1978, 11.6¢ and 1977, 10.4¢; Class II 1978, 11.6¢ and 1977, 10.4¢; Class III 1978, 11.6¢ and 1977, 10.4¢; Blend 1978, 11.6¢ and 1977, 10.4¢.

33/ Little Rock. 34/ Oklahoma City. 35/ Wichita Falls, Texas. 36/ Amarillo. 37/ Monroe and Shreveport. 38/ Zone I (New Orleans).

39/ Zone I (Dallas). Class I price at Houston, plus 36 cents. 40/ Denver. 41/ Salt Lake City, Utah. 42/ Grand Junction.

43/ Phoenix. 44/ Albuquerque, Santa Fe, and El Paso. 45/ Las Vegas, Nevada. 46/ District I (Seattle). 47/ Spokane, Washington.

48/ Portland. 49/ A weighted average price for milk in excess of Class I needs, calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	JAN 1978	CHANGE FROM JAN 1977	JAN 1978	JAN 1977	CHANGE FROM JAN 1977	JAN 1978	JAN 1977	JAN 1978	JAN 1977
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
NEW ENGLAND	7,908	194-	421,854	405,210	4.1	3.75	3.75	1,721	1,613
AVERAGE OR TOTAL <u>1/</u>	7,908	194-	421,854	405,210	4.1	3.75	3.75		
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	18,237	782-	807,859	761,323	6.1	3.68	3.69	1,429	1,291
MIDDLE ATLANTIC	7,955	24-	482,187	464,977	3.7	3.87	3.90	1,955	1,880
AVERAGE OR TOTAL <u>1/</u>	26,192	806-	1,290,046	1,226,300	5.2	3.75	3.77		
SOUTH ATLANTIC									
TAMPA BAY	118	1-	48,825	49,128	.6-	3.51	3.57	12,299	12,397
SOUTHEASTERN FLORIDA	114	42	71,663	63,900	12.1	3.63	3.76	20,175	28,655
UPPER FLORIDA	168	17-	57,906	57,976	.1-	3.61	3.55	10,872	10,550
GEORGIA	1,320	99	133,789	128,801	3.9	3.88	3.90	3,270	3,403
AVERAGE OR TOTAL <u>1/</u>	1,720	123	312,183	299,805	4.1	3.71	3.75		
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,710	261-	346,513	339,233	2.1	3.82	3.90	1,666	1,570
EASTERN OHIO-WESTERN PA.	7,229	337-	281,124	280,492	.2	3.79	3.88	1,254	1,196
OHIO VALLEY	5,935	332-	237,363	249,050	4.7-	3.94	4.00	1,290	1,282
AVERAGE OR TOTAL <u>1/</u>	19,874	930-	865,000	868,775	.4-	3.84	3.92		
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	197	28-	6,973	7,761	10.2-	3.73	3.75	1,142	1,113
CHICAGO REGIONAL	16,768	395-	827,881	824,438	.4	3.80	3.87	1,593	1,550
LSVILLE-LXCTCN-EVNSVILLE	2,277	35-	96,244	97,433	1.2-	3.97	4.02	1,363	1,359
INDIANA	3,720	352-	164,035	183,646	10.7-	3.98	4.00	1,422	1,455
SOUTHERN ILLINOIS	1,881	168-	89,367	98,707	9.5-	3.82	3.88	1,533	1,554
CENTRAL ILLINOIS	468	14-	21,164	22,019	3.9-	3.91	3.98	1,459	1,474
AVERAGE OR TOTAL <u>1/</u>	25,311	992-	1,205,664	1,234,004	2.3-	3.84	3.90		
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	13,387	213	627,660	600,161	4.6	3.73	3.77	1,512	1,470
EASTERN SOUTH DAKOTA	479	7-	23,394	24,507	4.5-	3.81	3.78	1,602	1,682
BLACK HILLS	94	5-	5,909	5,468	8.1	3.90	3.88	2,157	2,084
IOWA <u>2/</u>	3,205	464	148,343	124,701	19.0	3.86	3.91	1,512	1,516
NEBRASKA - WESTERN IOWA	1,557	219-	84,668	98,354	13.9-	3.89	3.92	1,805	1,844
AVERAGE OR TOTAL <u>1/</u>	15,517	18-	741,631	728,490	1.8	3.75	3.79		

Continued

TABLE 3.--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY --CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	JAN 1978	CHANGE FROM JAN 1977	JAN 1978	JAN 1977	CHANGE FROM JAN 1977	JAN 1978	JAN 1977	JAN 1978	JAN 1977
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL --CON.									
SOUTHERN GROUP									
ST LOUIS - CZARKS	3,042	23	150,253	151,973	1.1-	3.89	3.97	1,593	1,624
GREATER KANSAS CITY	1,485	180-	73,465	84,690	13.2-	3.91	3.90	1,686	1,704
NEOSHO VALLEY	31	0	714	593	20.4	3.86	3.98	1,983	1,694
WICHITA	551	1-	25,053	29,157	14.1-	3.88	3.90	2,125	2,136
AVERAGE OR TOTAL 1/	5,109	158-	249,485	266,413	6.4-	3.89	3.94	—	—
EAST SOUTH CENTRAL									
PADUCAH									
NASHVILLE	218	0	10,251	10,570	3.0-	4.05	4.04	1,517	1,564
MEMPHIS	817	72-	44,429	49,393	10.0-	3.96	3.98	1,754	1,792
TENNESSEE VALLEY	545	49-	24,140	27,035	10.7-	3.97	3.97	2,274	1,842
AVERAGE OR TOTAL 1/	1,724	140-	95,891	96,022	.1-	4.03	4.05	1,794	1,662
	3,304	261-	174,711	183,020	4.5-	4.00	4.02	—	—
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS --FORT SMITH 2/	751	8-	33,165	30,285	10.2	3.78	3.76	1,825	1,883
OKLAHOMA METROPOLITAN	1,309	62-	64,982	62,421	4.1	3.84	3.82	2,056	1,968
RED RIVER VALLEY	232	137-	10,466	16,390	36.1-	3.77	3.72	1,963	1,937
TEXAS PANHANDLE	172	18-	7,852	7,123	10.2	3.69	3.64	2,972	2,689
LUBBOCK - PLAINVIEW	74	60-	6,393	6,680	4.3-	3.75	3.74	5,436	4,338
AVERAGE OR TOTAL 1/	2,538	285-	122,858	122,699	.1	3.80	3.78	—	—
SOUTHERN GROUP									
GREATER LOUISIANA	939	211	53,558	51,372	4.2	3.88	3.87	1,840	2,276
NEW ORLEANS-MISSISSIPPI	1,662	35-	88,487	91,587	3.4-	3.86	3.83	1,717	1,741
TEXAS	3,479	37-	296,585	274,272	8.1	3.81	3.80	2,750	2,516
AVERAGE OR TOTAL 1/	6,080	139	438,630	417,231	5.1	3.83	3.82	—	—
MOUNTAIN									
EASTERN COLORADO									
GREAT BASIN	1,019	21	71,282	69,646	2.3	3.75	3.77	2,257	2,251
WESTERN COLORADO	746	1	57,828	58,930	1.9-	3.70	3.77	2,501	2,552
CENTRAL ARIZONA	68	11	5,754	4,816	19.5	3.86	3.80	2,730	2,726
RIO GRANDE VALLEY	162	0	73,965	67,305	9.9	3.84	3.75	15,869	14,241
LAKE MEAD	178	37-	35,921	34,593	3.8	3.67	3.59	8,938	8,569
AVERAGE OR TOTAL 1/	46	2-	10,845	10,740	1.0	3.58	3.67	7,605	7,218
	2,219	6-	255,595	246,030	3.9	3.75	3.74	—	—
PACIFIC									
PUGET SOUND									
INLAND EMPIRE	1,233	26-	139,863	131,794	6.1	3.86	3.87	3,659	3,377
OREGON - WASHINGTON	344	29	26,614	21,323	24.8	3.95	3.99	2,496	2,184
AVERAGE OR TOTAL 1/	974	25-	114,577	107,562	6.5	3.90	3.96	3,795	3,473
	2,551	22-	281,054	260,679	7.8	3.88	3.92	—	—
46-MARKET AVG. OR TOTAL 1/	118,323	3,410-	6,358,711	6,258,656	1.6	3.80	3.84	1,734	1,658
ALL-MARKET AVG. OR TOTAL	121,528	2,946-	6,507,054	6,383,357	1.9	3.80	3.84	1,727	1,654

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ Data for the previous year represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 4.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, JANUARY

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I		
	JAN 1978	JAN 1977	CHANGE FROM JAN 1977	% USED IN CL. I		JAN 1978	CHANGE FROM JAN 1977	AS % OF GR. CL. I	
				JAN 1978	JAN 1977			JAN 1978	JAN 1977
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
NEW ENGLAND									
NEW ENGLAND	256,615	255,707	0.4	61	63	256,746	0.3	164	158
AVERAGE OR TOTAL 1/	256,615	255,707	.4	61	63	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	399,096	392,022	1.8	49	51	399,096	1.8	202	194
MIDDLE ATLANTIC	283,203	286,630	1.2-	59	62	295,972	1.5-	163	155
AVERAGE OR TOTAL 1/	682,299	678,652	.5	53	55	---	---	---	---
SOUTH ATLANTIC									
TAMPA BAY	45,008	43,615	3.2	92	89	48,692	3.0	100	104
SOUTHEASTERN FLORIDA	65,476	58,152	12.6	91	91	69,779	8.5	103	99
UPPER FLORIDA	55,480	52,798	5.1	96	91	61,890	5.7	94	99
GEORGIA	107,591	100,636	6.9	80	78	112,703	9.1	119	125
AVERAGE OR TOTAL 1/	273,555	255,201	7.2	88	85	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	203,109	198,216	2.5	59	58	202,741	2.1	171	171
EASTERN OHIO-WESTERN PA.	185,131	185,198	0	66	66	185,526	.2-	152	151
OHIO VALLEY	161,900	163,113	.7-	68	65	170,122	1.3	140	148
AVERAGE OR TOTAL 1/	550,140	546,527	.7	64	63	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	3,948	4,551	13.2-	57	59	4,362	8.6-	160	163
CHICAGO REGIONAL	265,021	266,710	.6-	32	32	265,308	.6-	312	309
LSVILLE-LXCTCN-EVNSVILLE	63,722	64,462	1.1-	66	66	64,446	.6-	149	150
INDIANA	116,081	124,697	6.9-	71	68	126,275	5.1-	130	138
SOUTHERN ILLINOIS	51,331	51,575	.5-	57	52	53,281	.4	168	186
CENTRAL ILLINOIS	14,646	13,757	6.5	69	62	16,472	18.4	128	158
AVERAGE OR TOTAL 1/	514,749	525,752	2.1-	43	43	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
UPPER MIDWEST	136,545	136,348	.1	22	23	136,674	.2-	459	438
EASTERN SOUTH DAKOTA	11,751	11,565	1.6	50	47	11,873	1.8	197	210
BLACK HILLS	3,787	3,130	21.0	64	57	3,859	18.4	153	168
IOWA 2/	68,556	62,827	9.1	46	50	68,738	7.2	216	194
NEBRASKA - WESTERN IOWA	47,660	49,118	3.0-	56	50	48,099	2.2-	176	201
AVERAGE OR TOTAL 1/	199,743	200,161	.2-	27	27	---	---	---	---

Continued

TABLE 4.-- PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, JANUARY --CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I*		DELIVERIES AS % OF GR. CL. I	
	JAN 1978	JAN 1977	CHANGE FROM JAN 1977	JAN 1978	JAN 1977	JAN 1978	CHANGE FROM JAN 1977	JAN 1978	JAN 1977
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
WEST NORTH CENTRAL --CON.									
SOUTHERN GROUP									
ST LOUIS - CZARKS	107,907	106,949	0.9	72	70	113,890	2.1	132	136
GREATER KANSAS CITY	43,085	45,622	5.6-	59	54	44,018	4.2-	167	184
NEOSHO VALLEY	625	511	22.3	88	86	627	22.2	114	116
WICHITA	18,399	18,211	1.0	73	62	18,698	1.5	134	158
AVERAGE OR TOTAL 1/	170,016	171,293	.7-	68	64	---	---	---	---
EAST SOUTH CENTRAL									
PAULCAT	7,894	8,343	5.4-	77	79	7,894	6.6-	130	125
NASHVILLE	25,912	28,739	9.8-	58	58	26,649	9.4-	167	168
MEMPHIS	20,352	22,701	10.3-	84	84	26,107	.2	92	104
TENNESSEE VALLEY	73,386	72,786	.8	76	76	74,351	2.0	129	132
AVERAGE OR TOTAL 1/	127,544	132,569	3.8-	73	72	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS-FORT SMITH 3/	28,844	26,821	7.5	87	89	33,064	15.6	100	105
OKLAHOMA METROPOLITAN	49,212	47,544	3.5	76	76	50,750	2.6	128	126
RED RIVER VALLEY	7,818	12,919	39.5-	75	79	7,818	39.7-	134	126
TEXAS PANHANDLE	6,735	6,432	4.7	86	90	6,735	3.9	116	111
LUBBOCK - PLAINVIEW	5,887	5,787	1.7	92	87	5,887	1.7	108	115
AVERAGE OR TOTAL 1/	98,496	99,503	1.0-	80	81	---	---	---	---
SOUTHERN GROUP									
GREATER LOUISIANA	46,106	43,446	6.1	86	84	47,258	3.5	113	112
NEW ORLEANS-MISSISSIPPI	67,913	70,398	3.5-	77	77	71,729	4.4-	123	122
TEXAS	236,547	217,505	8.8	80	79	237,568	8.3	125	125
AVERAGE OR TOTAL 1/	350,566	331,349	5.8	80	79	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	53,988	50,689	6.5	76	73	56,733	4.4	126	128
GREAT BASIN	35,893	35,177	2.0	62	60	36,919	2.1	157	163
WESTERN COLORADO	4,993	4,195	19.0	87	87	5,165	17.4	111	109
CENTRAL ARIZONA	49,094	44,465	10.4	66	66	49,094	10.4	151	151
RIO GRANDE VALLEY	29,415	28,126	4.6	82	81	29,716	5.2	121	122
LAKE MEAD	8,207	7,600	8.0	76	71	8,313	9.0	130	141
AVERAGE OR TOTAL 1/	181,590	170,252	6.6	71	69	---	---	---	---
PACIFIC									
PUGET SOUND	59,882	56,745	5.5	43	43	63,528	7.0	220	222
INLAND EMPIRE	14,678	11,514	27.5	55	54	14,746	27.8	180	185
OREGON - WASHINGTON	70,383	65,366	7.7	61	61	74,955	9.1	153	156
AVERAGE OR TOTAL 1/	144,943	133,625	8.5	52	51	---	---	---	---
46-MARKET AVG. OR TOTAL 1/	3,550,256	3,500,591	1.4	56	56	---	---	---	---
ALL-MARKET AVG. OR TOTAL	3,618,812	3,563,418	1.6	56	56	---	---	---	---

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ Data for the previous year represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 5.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, January with comparisons 1/

Marketing area	Producer deliveries		Percent used	
	used in Class II		in Class II	
	Jan.	Jan.	Jan.	Jan.
	1978	1977	1978	1977
	<u>1,000 lb.</u>		<u>Percent</u>	
SOUTH ATLANTIC				
Georgia	10,002	6,720	7.5	5.2
EAST NORTH CENTRAL				
Eastern Group				
Southern Michigan	20,691	21,411	6.0	6.3
Eastern Ohio—Western Pa.	15,961	15,514	5.7	5.5
Ohio Valley	15,583	18,988	6.6	7.6
Western Group				
Chicago Regional	86,710	88,758	10.5	10.8
Louis.—Lex.—Evans.	5,118	4,114	5.3	4.2
Indiana	19,332	19,129	11.8	10.4
Southern Illinois	9,010	7,646	10.1	7.7
Central Illinois	1,010	683	4.8	3.1
WEST NORTH CENTRAL				
Northern Group				
Upper Midwest	23,784	22,486	3.8	3.7
Eastern South Dakota	2,709	3,177	11.6	13.0
Iowa <u>2/</u>	8,240	8,855	5.6	7.1
Nebraska—Western Iowa	9,404	8,480	11.1	8.6
Southern Group				
St. Louis—Ozarks	16,814	14,158	11.2	9.3
Greater Kansas City	9,021	11,997	12.3	14.2
Neosho Valley	16	11	2.2	1.9
Wichita	2,919	2,543	11.7	8.7
EAST SOUTH CENTRAL				
Paducah	1,073	929	10.5	8.8
Nashville	1,776	1,439	4.0	2.9
Memphis	2,061	2,368	8.5	8.8
Tennessee Valley	8,950	8,903	9.3	9.3

Continued

Table 5.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, January with comparisons 1/
—Continued

Marketing area	Producer deliveries		Percent used	
	used in Class II		in Class II	
	Jan.	Jan.	Jan.	Jan.
	1978	1977	1978	1977
	1,000 lb.		Percent	
WEST SOUTH CENTRAL				
Northern Group				
Central Arkansas--				
Fort Smith <u>3</u> /	2,023	1,352	6.1	4.5
Oklahoma Metropolitan	6,797	6,622	10.5	10.6
Red River Valley	1,331	1,540	12.7	9.4
Texas Panhandle	745	492	9.5	6.9
Lubbock-Plainview	260	136	4.1	2.0
Southern Group				
Greater Louisiana	2,152	2,350	4.0	4.6
New Orleans-Mississippi	7,344	6,952	8.3	7.6
Texas	29,911	27,193	10.1	9.9
MOUNTAIN				
Eastern Colorado	7,053	6,583	9.9	9.4
Great Basin	4,074	3,767	7.0	6.4
Western Colorado	0	0	0	0
Central Arizona	9,286	8,957	12.6	13.3
Rio Grande Valley	5,145	4,109	14.3	11.9
Lake Mead	607	455	5.6	4.2
PACIFIC				
Puget Sound	17,880	16,581	12.8	12.6
Inland Empire	2,285	1,973	8.6	9.3
Oregon-Washington	13,582	13,053	11.9	12.1

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for January 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 6.- WHOLE MILK AND LOWEAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1977 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWEAT AND SKIM MILK ITEMS 3/				TOTAL			
	DECEMBER 1977		CHANGE 1977 FROM 1976		DECEMBER 1977		CHANGE 1977 FROM 1976		DECEMBER 1977		CHANGE 1977 FROM 1976	
	SALES	BUTTER-EAT CONTENT	DEC	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE 4/	SALES	BUTTER-EAT CONTENT	DEC	YEAR TO DATE 4/
	MIL. LB.	PERCENT			MIL. LB.	PERCENT			MIL. LB.	PERCENT		
NEW ENGLAND	200.5	3.40	- 5.5	- 4.2	53.2	0.98	12.9	14.1	253.8	2.90	- 2.2	- 1.0
NEW ENGLAND 5/	200.5	3.40	- 5.5	- 4.2	53.2	.98	12.9	14.1	253.8	2.90	- 2.2	- 1.0
MIDDLE ATLANTIC	181.9	3.30	- 5.9	- 4.7	71.7	1.28	4.4	8.0	253.5	2.73	- 3.2	- 1.5
MIDDLE ATLANTIC	181.9	3.30	- 5.9	- 4.7	71.7	1.28	4.4	8.0	253.5	2.73	- 3.2	- 1.5
SOUTH ATLANTIC	171.7	3.32	- .1	- 3.0	76.9	1.24	10.1	14.7	248.6	2.67	2.9	1.9
TAMPA BAY	34.6	3.30	- 1.4	- 1.3	13.4	1.12	14.0	15.4	48.1	2.69	2.4	2.8
SOUTHEASTERN FLORIDA	44.2	3.35	- .4	- 5.5	17.7	1.27	12.8	28.0	61.9	2.76	3.0	2.1
UPPER FLORIDA	38.4	3.28	- .6	- 4.1	13.8	1.22	14.6	20.5	52.2	2.73	3.0	1.3
GEORGIA	54.4	3.32	1.5	- 1.2	32.1	1.28	5.3	6.6	86.5	2.57	2.9	1.6
EAST NORTH CENTRAL	637.4	3.29	- 4.5	- 4.6	419.3	1.58	4.6	5.2	1,056.8	2.61	- 1.1	- 1.0
EASTERN GROUP												
SOUTHERN MICHIGAN	128.9	3.26	- 3.2	- 3.5	66.2	.97	- .1	2.6	195.1	2.48	- 2.2	- 1.5
E. OHIO - W. PA.	133.0	3.30	- 6.1	- 5.6	53.6	1.73	7.7	7.0	186.5	2.85	- 2.5	- 2.4
OHIO VALLEY	110.1	3.28	- 3.9	- 5.3	67.5	1.68	3.3	7.6	177.6	2.67	- 1.3	- .8
WESTERN GROUP												
MICH. UPPER PENINSULA	4.5	3.39	- 8.9	- 8.9	4.0	1.69	11.7	13.4	8.5	2.60	- .3	- .2
CHICAGO REGIONAL	141.8	3.30	- 5.9	- 5.4	116.6	1.62	9.0	7.1	258.5	2.54	.3	- .3
LOUIS. - ILL. - EVANS	32.0	3.31	1.2	- 1.4	27.6	1.78	7.5	4.0	59.6	2.61	4.0	1.0
INDIANA	53.2	3.33	- 5.0	- 4.2	51.1	1.76	- 1.0	.8	104.4	2.56	- 3.1	- 1.8
SOUTHERN ILLINOIS	23.3	3.26	- .8	- 1.0	22.5	1.76	3.2	2.8	45.8	2.52	1.1	.8
CENTRAL ILLINOIS	10.5	3.28	- 5.3	- 3.3	10.3	1.71	2.5	5.1	20.8	2.50	- 1.6	.6
WEST NORTH CENTRAL	159.2	3.30	- 3.8	- 5.1	208.7	1.58	2.5	3.2	367.9	2.33	- .3	- .6
NORTHERN GROUP												
UPPER MIDWEST 6/	36.5	3.27	- 6.5	- 7.0	86.6	1.53	.8	2.2	123.1	2.05	- 1.4	- .8
EASTERN SOUTH DAKOTA 7/	3.6	3.29	- 2.4	- 3.6	6.3	1.80	9.9	8.1	9.9	2.34	5.1	3.4
BLACK HILLS	1.3	3.34	- 2.1	- 5.7	1.7	1.84	9.9	9.7	3.0	2.48	4.5	2.3
IOWA 8/	21.9	3.42	- .2	- 3.4	34.1	1.69	6.6	6.4	56.0	2.36	3.8	2.3
NEBRASKA - WESTERN IOWA	23.3	3.33	- 3.4	- 4.4	22.3	1.62	4.8	4.5	45.6	2.49	.4	- .3

Continued

TABLE 6.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1977 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	DECEMBER 1977		CHANGE 1977 FROM 1976			DECEMBER 1977		CHANGE 1977 FROM 1976			DECEMBER 1977		CHANGE 1977 FROM 1976		
	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE 4/	PERCENT	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE 4/	PERCENT	SALES	BUTTER-FAT CONTENT	DEC	YEAR TO DATE 4/	PERCENT
	MIL. LB.					MIL. LB.					MIL. LB.				
WEST NORTH CENTRAL-CON.															
SOUTHERN GROUP															
ST. LOUIS - OZARKS	32.5	3.25	- 2.2	- 5.0		26.9	1.53	- 1.5	- 1.5		59.4	2.48	- 1.9	- 3.5	
GREATER KANSAS CITY	25.3	3.30	- 5.0	- 5.0		22.0	1.55	- 2.9	- 3.6		47.2	2.49	- 1.5	- 1.2	
NEOSHO VALLEY	4.5	3.33	- 10.9	- 4.1		2.1	1.41	- 10.4	- 6.0		6.6	2.71	- 10.8	- 1.1	
WICHITA	10.3	3.31	- 2.1	- 3.8		6.8	1.60	- 10.0	- 9.4		17.1	2.63	- 2.4	- .9	
EAST SOUTH CENTRAL	76.9	3.35	- .6	- .8		46.5	1.53	- 5.3	- 3.2		123.4	2.66	- 1.5	- .7	
PAOUCAH	5.5	3.27	- 5.1	- 2.7		2.4	1.45	- 10.1	- 8.2		7.9	2.72	- 6.6	- .5	
NASHVILLE	22.3	3.33	- 1.1	- 2.3		10.8	1.51	- 4.3	- 6.9		33.1	2.74	- .6	- .5	
MEMPHIS	13.4	3.37	- 6.7	- 3.0		5.9	1.24	- 12.7	- 1.5		19.3	2.72	- 8.7	- 1.6	
TENNESSEE VALLEY 9/	35.7	3.36	- 1.3	- 1.3		27.3	1.62	- 10.2	- 1.7		63.0	2.60	- 5.0	- 1.5	
WEST SOUTH CENTRAL	309.1	3.44	- .5	- .3		94.9	1.35	- 7.3	- 6.7		404.0	2.95	- 2.0	- 1.2	
NORTHERN GROUP															
CENTRAL ARKANSAS	13.2	3.38	- .7	- .1		6.2	1.53	- 6.8	- 8.0		19.4	2.79	- 1.6	- 2.3	
FORT SMITH	1.5	3.30	- 3.4	- 9.8		.6	1.38	- 30.1	- 9.4		2.1	2.77	- 9.5	- 5.3	
OKLAHOMA METROPOLITAN	27.5	3.29	- 2.6	- 2.0		9.4	1.38	- 10.3	- 16.8		36.8	2.80	- 4.4	- 5.4	
RED RIVER VALLEY	10.0	3.39	- 6.2	- 3.0		2.1	1.24	- 5.4	- 3.7		12.1	3.02	- 4.4	- 2.0	
TEXAS PANHANDLE	5.9	3.37	- 4.2	- 3.0		1.4	1.60	- 16.9	- 9.8		7.3	3.03	- 6.4	- .9	
LUBBOCK - PLAINVIEW	4.8	3.49	- 5.7	- 6.5		1.5	1.47	- 40.8	- 21.7		6.4	3.01	- 2.4	- 1.7	
SOUTHERN GROUP															
GREATER LOUISIANA 7/	39.0	3.56	- 1.5	- .5		10.3	1.65	- 13.7	- 11.9		49.3	3.17	- 1.3	- 2.6	
NEW ORLEANS - MISS. 7/	52.0	3.57	- .1	- 6.1		12.6	1.39	- 17.9	- 12.4		64.6	3.14	- 3.1	- 3.1	
TEXAS	155.2	3.40	- 1.5	- 1.8		50.9	1.25	- 2.3	- 2.5		206.1	2.87	- 1.7	- 2.0	
MOUNTAIN	103.6	3.40	- .1	- .4		75.6	1.72	- 9.2	- 10.8		179.2	2.69	- 3.8	- 3.9	
EASTERN COLORADO	25.4	3.29	- 2.0	- 1.7		23.7	1.75	- 5.1	- 7.5		49.2	2.55	- 1.3	- 2.5	
GREAT BASIN	14.4	3.31	- 2.1	- 1.5		21.5	1.89	- 5.8	- 5.3		35.9	2.46	- 4.3	- 3.7	
WESTERN COLORADO	2.2	3.36	- 2.5	- 5.0		1.6	2.22	- 12.7	- 24.5		3.8	2.89	- 6.5	- 12.1	
CENTRAL ARIZONA	30.4	3.52	- 3.7	- .3		18.4	1.49	- 14.4	- 16.8		48.7	2.75	- 7.5	- 5.4	
RIO GRANDE VALLEY	24.2	3.40	- 4.7	- 1.9		6.8	1.52	- 21.8	- 22.4		31.0	2.99	- .1	- 2.3	
LAKE MEAD	7.0	3.43	- 6.6	- 3.8		3.6	1.87	- 9.1	- 16.1		10.6	2.90	- 7.5	- 7.9	
PACIFIC	58.4	3.34	- 1.1	- .7		80.4	1.83	- 6.4	- 7.2		138.8	2.47	- 4.1	- 3.7	
PUGET SOUND	22.4	3.35	- .1	- 1.8		32.6	1.84	- 6.3	- 7.4		55.0	2.45	- 3.6	- 3.4	
INLAND EMPIRE	4.2	3.31	- 2.6	- .2		8.6	1.81	- 9.7	- 7.3		12.9	2.30	- 7.2	- 4.7	
OREGON - WASHINGTON	31.8	3.33	- 1.8	- .1		39.1	1.83	- 5.7	- 6.9		70.9	2.50	- 3.9	- 3.8	
COMBINED AREAS (46)	1,898.8	3.34	- 2.9	- 3.3		1,127.2	1.51	- 5.6	- 6.5		3,026.0	2.66	- .1	- .1	
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 10/	1,858.9	—	- 3.7	- 3.2		1,097.5	—	- 4.1	- 6.6		2,959.7	—	- .8	- .2	
NEW YORK - NEW JERSEY 11/	—	—	—	—		—	—	—	—		423.3	—	- 1.3	- 2.0	

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

6/ Represent combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, after the merger and expansion of June 1, 1976. Some data are estimated.

7/ Sales represent the marketing area after the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Some data are estimated.

8/ Represents combined sales for North Central Iowa, Cedar Rapids-Iowa City, Quad Cities-Dubuque, and Des Moines, prior to the merger and expansion of May 1, 1977. Some data are estimated.

9/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, after the merger and expansion of October 1976. Some data are estimated.

10/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMS - 210, June 1977.

11/ Small amount of sales estimated.

Table 7.—Whole milk and lowfat and skim milk items sold in marketing areas defined by Federal milk orders for markets where such information is available, year 1977, with comparisons 1/

Marketing area	Whole milk items 2/				Lowfat and skim milk items 2/				Total fluid milk items			
	1977		1976		1977		1976		1977		1976	
	Sales	Butter-fat content	Sales	Butter-fat content	Sales	Butter-fat content	Sales	Butter-fat content	Sales	Butter-fat content	Sales	Butter-fat content
	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.
<u>NEW ENGLAND</u>	2,309	3.40	2,418	3.41	595	0.97	523	0.99	2,904	2.90	2,940	2.98
New England 4/	2,309	3.40	2,418	3.41	595	.97	523	.99	2,904	2.90	2,940	2.98
<u>MIDDLE ATLANTIC</u> 5/	2,112	3.31	2,222	3.36	810	1.26	752	1.25	2,922	2.74	2,974	2.83
New York-New Jersey 6/	2,418	3.42	2,610	3.42	501	1.31	430	1.22	2,919	3.06	3,040	3.11
Middle Atlantic	2,112	3.31	2,222	3.36	810	1.26	752	1.25	2,922	2.74	2,974	2.83
<u>SOUTH ATLANTIC</u>	1,988	3.32	2,055	3.33	895	1.25	783	1.27	2,883	2.67	2,838	2.76
Tampa Bay	389	3.31	395	3.33	148	1.13	129	1.12	537	2.71	524	2.79
Southeastern Florida	495	3.36	526	3.37	199	1.30	156	1.16	695	2.77	682	2.87
Upper Florida	451	3.28	472	3.29	162	1.22	135	1.24	614	2.73	607	2.83
Georgia	653	3.32	662	3.33	386	1.28	363	1.38	1,038	2.56	1,025	2.64
<u>EAST NORTH CENTRAL</u>	7,378	3.28	7,754	3.29	4,719	1.55	4,500	1.55	12,097	2.61	12,254	2.65
<u>Eastern Group</u>												
Southern Michigan	1,487	3.25	1,545	3.26	751	.96	735	.96	2,238	2.48	2,279	2.52
Eastern Ohio-												
Western Pa.	1,541	3.29	1,637	3.31	602	1.69	564	1.68	2,143	2.84	2,201	2.89
Ohio Valley	1,273	3.27	1,348	3.26	779	1.67	725	1.66	2,051	2.66	2,074	2.70
<u>Western Group</u>												
Mich. Upper Peninsula	55	3.36	61	3.30	44	1.69	39	1.67	99	2.62	100	2.67
Chicago Regional	1,647	3.30	1,745	3.31	1,274	1.59	1,193	1.61	2,921	2.56	2,938	2.62
Louisville-Lex.-Evans	373	3.29	379	3.29	306	1.75	295	1.75	679	2.60	674	2.62
Indiana	612	3.31	640	3.30	596	1.72	594	1.71	1,208	2.52	1,234	2.54
Southern Illinois	268	3.25	271	3.25	251	1.73	245	1.74	519	2.52	517	2.53
Central Illinois	123	3.27	127	3.28	116	1.67	111	1.68	239	2.49	238	2.54
<u>WEST NORTH CENTRAL</u>	1,836	3.30	1,939	3.30	2,350	1.55	2,284	1.53	4,186	2.31	4,223	2.34
<u>Northern Group</u>												
Upper Midwest 7/	432	3.28	465	3.28	984	1.50	966	1.47	1,416	2.04	1,431	2.06
Eastern S. Dakota 8/	41	3.28	42	3.28	67	1.78	62	1.77	108	2.35	104	2.38
Black Hills	15	3.32	16	3.33	19	1.91	17	1.90	34	2.53	33	2.59
Iowa 9/	245	3.39	254	3.42	380	1.64	358	1.64	624	2.33	612	2.38
Nebraska-Western Iowa	264	3.32	277	3.32	247	1.59	237	1.58	511	2.48	514	2.52
<u>Southern Group</u>												
St. Louis-Ozarks	381	3.25	402	3.27	307	1.49	313	1.52	688	2.47	715	2.50
Greater Kansas City	288	3.29	304	3.28	246	1.54	238	1.50	535	2.48	543	2.50
Neosho Valley	53	3.34	55	3.32	25	1.38	24	1.43	78	2.71	79	2.75
Wichita	118	3.27	123	3.26	75	1.58	69	1.55	193	2.61	192	2.65

Continued

Table 7.—Whole milk and lowfat and skim milk items sold in marketing areas defined by Federal milk orders for markets where such information is available, year 1977, with comparisons 1/ -Con.

Marketing area	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
	1977		1976		1977		1976		1977		1976	
	Sales	Butter- fat content	Sales	Butter- fat content	Sales	Butter- fat content	Sales	Butter- fat content	Sales	Butter- fat content	Sales	Butter- fat content
	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.
EAST SOUTH CENTRAL	900	3.33	910	3.33	539	1.51	524	1.51	1,439	2.65	1,434	2.67
Paducah	62	3.26	64	3.26	28	1.41	26	1.36	90	2.68	90	2.71
Nashville	259	3.31	266	3.32	126	1.48	118	1.48	385	2.71	384	2.75
Memphis	159	3.36	165	3.34	75	1.22	74	1.21	234	2.68	239	2.68
Tennessee Valley 10/	420	3.35	415	3.35	310	1.60	306	1.61	730	2.60	721	2.61
WEST SOUTH CENTRAL	3,654	3.45	3,675	3.45	1,099	1.36	1,033	1.36	4,753	2.96	4,708	2.99
Northern Group												
Central Arkansas	156	3.44	157	3.40	70	1.56	65	1.50	226	2.86	222	2.85
Fort Smith	18	3.32	20	3.29	7	1.34	6	1.27	25	2.78	26	2.81
Oklahoma Metropolitan	318	3.30	312	3.32	108	1.39	93	1.42	426	2.81	405	2.88
Red River Valley	118	3.38	122	3.33	23	1.21	22	1.16	141	3.03	144	3.00
Texas Panhandle	70	3.39	72	3.36	16	1.51	14	1.48	86	3.04	87	3.05
Lubbock-Plainview	58	3.39	62	3.37	16	1.45	13	1.47	73	2.97	75	3.04
Southern Group												
Greater Louisiana 8/	461	3.57	460	3.57	116	1.64	104	1.68	577	3.18	564	3.22
New Orleans-Miss. 8/	624	3.58	667	3.61	144	1.43	128	1.36	768	3.18	795	3.25
Texas	1,831	3.40	1,803	3.41	601	1.26	588	1.27	2,432	2.87	2,391	2.88
MOUNTAIN	1,211	3.38	1,219	3.38	858	1.70	777	1.69	2,069	2.68	1,996	2.73
Eastern Colorado	300	3.31	306	3.29	276	1.77	257	1.76	576	2.57	563	2.59
Great Basin	168	3.28	166	3.31	248	1.88	236	1.89	416	2.44	402	2.48
Western Colorado	25	3.33	24	3.35	17	1.86	14	1.89	43	2.73	38	2.82
Central Arizona	342	3.50	344	3.49	199	1.43	171	1.38	541	2.74	515	2.79
Rio Grande Valley	296	3.36	302	3.35	76	1.49	62	1.51	372	2.98	365	3.03
Lake Mead	79	3.44	77	3.56	42	1.77	36	1.69	121	2.86	113	2.96
PACIFIC	670	3.35	676	3.37	906	1.82	848	1.82	1,576	2.47	1,524	2.51
Puget Sound	259	3.33	265	3.35	367	1.84	342	1.84	626	2.46	607	2.49
Inland Empire	48	3.34	49	3.34	96	1.78	90	1.77	145	2.30	138	2.32
Oregon-Washington	362	3.36	363	3.38	443	1.80	415	1.82	805	2.51	778	2.55
Combined areas (46)5/	22,058	3.34	22,868	3.35	12,772	1.49	12,022	1.50	34,829	2.66	34,890	2.71

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk, and buttermilk.

4/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

5/ Excludes New York-New Jersey.

6/ Sales by New York-New Jersey regulated handlers inside the marketing area. Data represent sales for the months of January through August only.

7/ Represent combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, after the merger and expansion of June 1, 1976. Some data are estimated.

8/ Sales represent the marketing area after the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Some data are estimated.

9/ Represents combined sales for North Central Iowa, Cedar Rapids-Iowa City, Quad Cities-Dubuque, and Des Moines, prior to the merger and expansion of May 1, 1977. Some data are estimated.

10/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, after the merger and expansion of October 1976. Some data are estimated.

Table 8.—Packaged sales of individual whole milk items, lowfat and skim milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/

Item	January				February				March				April			
	Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977	
	Sales	from 1976	Year	to	Sales	from 1976	Year	to	Sales	from 1976	Year	to	Sales	from 1976	Year	to
	Jan.	to	date	Percent	Feb.	to	date	Percent	Mar.	to	date	Percent	Apr.	to	date	Percent
	Mil. lb.				Mil. lb.				Mil. lb.				Mil. lb.			
Whole milk	1,856.3	- 6.1	- 6.1	- 0.5	1,663.3	- 0.5	- 3.5	- 4.3	1,847.3	- 4.3	- 3.8	- 3.8	1,762.0	- 4.1	- 3.9	- 4.1
Flavored whole milk	81.1	-10.9	-10.9	- 2.4	82.5	- 2.4	- 6.8	- 1.3	98.2	- 1.3	- 4.8	- 4.8	86.2	- 1.6	- 4.1	- 4.1
Total whole milk items	1,937.4	- 6.3	- 6.3	- .6	1,745.9	- .6	- 3.7	- 4.1	1,945.5	- 4.1	- 3.8	- 3.8	1,848.1	- 4.0	- 3.9	- 4.0
Lowfat milk 3/																
Plain	541.9	10.9	10.9	17.4	494.1	17.4	13.9	8.8	544.5	8.8	12.1	12.1	517.5	6.5	10.6	10.6
Solids added	271.7	- 9.2	- 9.2	- 4.7	240.8	- 4.7	- 7.1	3.5	278.1	3.5	- 3.7	- 3.7	272.4	3.6	- 1.9	- 1.9
Skim milk																
Plain	62.9	7.8	7.8	19.7	60.0	19.7	13.3	9.9	65.4	9.9	12.1	12.1	62.5	9.0	11.3	11.3
Solids added	70.9	- 7.6	- 7.6	- 4.9	66.3	- 4.9	- 6.3	- 5.4	77.3	- 5.4	- 6.0	- 6.0	71.6	- 3.1	- 5.3	- 5.3
Flavored milk drinks	78.6	14.8	14.8	29.5	82.0	29.5	21.8	24.3	97.3	24.3	22.8	22.8	85.0	19.4	21.9	21.9
Buttermilk	56.3	- 1.2	- 1.2	2.9	51.4	2.9	.7	.3	58.1	.3	.3	.3	57.4	.3	.2	.2
Total lowfat and skim milk items	1,082.4	3.2	3.2	9.7	994.6	9.7	6.2	7.0	1,120.6	7.0	6.5	6.5	1,066.4	5.7	6.3	6.3
Total	3,019.8	- 3.1	- 3.1	2.9	2,740.5	2.9	.3	.3	3,066.1	.3	- .3	- .3	2,914.5	.6	- .4	- .4
Total adjusted for calendar composition 4/	3,069.9	.7	.7	.5	2,740.5	.5	.2	.1	3,047.9	.1	.1	.1	2,860.7	- 1.0	- .2	- .2

Continued

Table 8.—Packaged sales of individual whole milk items, lowfat and skdm milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/ -Con.

Item	May				June				July				August			
	Change 1977		from 1976		Change 1977		from 1976		Change 1977		from 1976		Change 1977		from 1976	
	Sales	Year	Year	Sales	Sales	Year	Year	Sales	Sales	Year	Year	Sales	Sales	Year	Year	
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	
	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent
	Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.	
Whole milk	1,722.0	- 4.0	- 3.9	1,649.1	- 1.7	- 3.5	1,657.2	- 6.4	- 4.0	1,762.9	0.8	- 3.4				
Flavored whole milk	91.0	2.3	- 2.8	53.4	9.3	- 1.6	46.3	- .1	- 1.5	56.1	- 1.1	- 1.5				
Total whole milk items	1,813.0	- 3.7	- 3.8	1,702.4	- 1.4	- 3.5	1,703.5	- 6.3	- 3.8	1,819.0	.7	- 3.3				
Lowfat milk 2/																
Plain.	503.3	9.7	10.5	488.4	11.8	10.7	492.1	7.7	10.3	518.3	13.5	10.6				
Solids added	258.3	2.7	- 1.1	257.7	3.3	- .4	247.8	- 3.2	- .8	271.8	6.0	.1				
Skdm milk																
Plain	59.7	4.0	9.8	59.7	11.1	10.0	57.8	- 3.2	8.0	60.4	11.2	8.4				
Solids added	70.8	- 6.7	- 5.6	65.4	- 5.2	- 5.5	68.1	0	- 4.8	72.6	13.1	- 2.8				
Flavored milk drinks	91.3	25.9	22.7	51.8	18.2	22.2	41.7	2.0	20.3	51.1	14.1	19.8				
Buttermilk	56.8	- 1.0	- .1	56.2	- 1.8	- .4	56.7	- 4.6	- 1.0	57.4	1.3	- .7				
Total lowfat and skdm milk items	1,040.2	6.8	6.4	979.4	7.6	6.6	964.1	2.5	6.0	1,031.7	10.5	6.6				
Total	2,853.2	- .1	- .4	2,681.8	1.7	0	2,667.6	- 3.3	- .5	2,850.6	4.1	.1				
Total adjusted for calendar composition 4/	2,916.8	.4	- .1	2,672.2	1.6	.2	2,701.1	.1	.2	2,827.4	1.0	.3				

Continued

Table 8.—Packaged sales of individual whole milk items, lowfat and skim milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/ —Con.

Item	September*				October*				November				December			
	Sales	Change 1977 from 1976	Year to date 2/	Percent	Sales	Change 1977 from 1976	Year to date 2/	Percent	Sales	Change 1977 from 1976	Year to date 2/	Percent	Sales	Change 1977 from 1976	Year to date 2/	Percent
	Mil. lb.				Mil. lb.				Mil. lb.				Mil. lb.			
Whole milk	1,804.8	- 1.4	- 3.1		1,794.2	- 4.0	- 3.2		1,770.5	- 4.4	- 3.3		1,828.0	- 2.8	- 3.3	
Flavored whole milk	93.2	- 4.1	- 1.8		95.3	- 4.3	- 2.1		86.2	- 6.2	- 2.6		70.8	- 7.6	- 3.0	
Total whole milk items	1,897.9	- 1.5	- 3.1		1,889.5	- 4.0	- 3.2		1,856.7	- 4.5	- 3.3		1,898.8	- 2.9	- 3.3	
Lowfat milk 3/																
Plain	559.1	12.8	11.0		555.5	7.3	10.6		557.4	6.9	10.2		575.9	6.7	9.9	
Solids added	271.1	2.1	.1		272.9	1.4	.2		270.0	1.7	.3		280.9	3.7	.6	
Skim milk																
Plain	63.3	12.1	8.8		68.9	11.2	9.1		68.4	13.0	9.5		64.5	8.6	9.4	
Solids added	75.5	10.0	- 1.4		69.9	1.3	- 1.2		66.7	- 3.6	- 1.4		72.8	5.8	- .8	
Flavored milk drinks	101.6	16.3	19.1		104.9	14.1	18.4		95.6	11.7	17.7		76.5	5.0	16.5	
Buttermilk	55.1	1.4	- .5		54.8	- 1.6	- .6		54.4	- 2.7	- .8		56.7	.7	- .7	
Total lowfat and skim milk items	1,125.6	9.5	6.9		1,127.0	5.8	6.8		1,112.4	5.1	6.6		1,127.2	5.6	6.5	
Total	3,023.5	2.3	.3		3,016.4	- .6	.2		2,969.1	- 1.1	.1		3,026.0	.1	.1	
Total adjusted for calendar composition 4/	2,978.9	1.2	.4		3,066.4	- .2	.3		2,963.5	- .4	.2		2,959.7	- .8	.2	

* Correction

1/ Excludes the New York-New Jersey market.

2/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

3/ Includes one percent and two percent lowfat milk.

4/ Figures are adjusted to eliminate variations due to calendar composition. See special article in FMOS - 210, June 1977.

TABLE 9.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, DECEMBER 1977, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	8F. CON-TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	8F. CON-TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	8F. CON-TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	8F. CON-TENT	CHANGE 1977 FROM 1976 7/	PERCENT	SALES	8F. CON-TENT	CHANGE 1977 FROM 1976 7/	PERCENT
	MIL-LB.				MIL-LB.				MIL-LB.				MIL-LB.				MIL-LB.			
NEW ENGLAND	201	3.40	- 5.1		54	0.98	12.6		2.8	10.8	7.9		5.2	23.2	- 0.2		270	3.48	- 1.2	
MIDDLE ATLANTIC	201	3.29	- 5.7		80	1.26	4.4		2.2	11.0	- 6.1		1.9	21.0	- 42.5		293	2.98	- 3.7	
SOUTH ATLANTIC	179	3.32	0.0		76	1.26	12.0		2.5	10.8	2.4		2.1	22.8	9.6		266	3.00	3.7	
EAST NORTH CENTRAL	643	3.29	- 4.4		425	1.57	4.2		11.7	10.9	- 1.2		16.2	18.4	5.3		1,114	2.98	- .9	
WEST NORTH CENTRAL	194	3.30	- 2.3		239	1.57	4.1		5.0	11.2	- 3.2		6.4	22.5	0		451	2.79	.9	
EAST SOUTH CENTRAL	81	3.36	- 4.0		45	1.49	- 2.4		1.3	12.0	13.7		1.4	24.0	5.1		131	3.08	- 2.9	
WEST SOUTH CENTRAL	330	3.44	.9		98	1.35	4.4		2.8	11.2	2.2		4.9	22.1	2.2		445	3.31	1.8	
MOUNTAIN	101	3.40	1.7		76	1.71	10.2		2.0	11.5	6.8		2.9	23.6	3.2		189	3.19	5.3	
PACIFIC	60	3.31	3.3		82	1.83	9.9		2.0	11.2	7.2		2.6	26.3	12.2		150	3.07	7.5	
TOTAL OF REGIONS	1,990	3.34	- 2.8		1,177	1.51	6.0		32.3	11.1	1.0		43.7	21.3	.2		3,309	3.06	.4	

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM DIPS.

6/ INCLUDES YOGURT AND EGGNOG.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. AS A RESULT, WEST NORTH CENTRAL EXCLUDES THE UPPER MIDWEST MARKET, EAST SOUTH CENTRAL EXCLUDES THE TENNESSEE VALLEY MARKET, AND WEST SOUTH CENTRAL EXCLUDES THE GREATER LOUISIANA AND NEW ORLEANS-MISSISSIPPI MARKETS. THESE MARKETS ALSO ARE EXCLUDED FROM THE TOTAL PERCENTAGE CHANGE.

Table 10.—Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, for those markets where comparable data are available, January 1977 to date, with comparisons 1/

Item	January					February					March					April				
	: : : : :					: : : : :					: : : : :					: : : : :				
	Sales	Bf. con- tent	Change in sales: 1977/1976 2/	Year	Month	Sales	Bf. con- tent	Change in sales: 1977/1976 2/	Year	Month	Sales	Bf. con- tent	Change in sales: 1977/1976 2/	Year	Month	Sales	Bf. con- tent	Change in sales: 1977/1976 2/	Year	Month
	lb.	Pct.	Percent	to	date	lb.	Pct.	Percent	to	date	lb.	Pct.	Percent	to	date	lb.	Pct.	Percent	to	date
Milk and cream mixtures	24,852	11.1	-2.9	-2.9		24,170	11.1	3.5	0.2		26,617	11.1	-1.9	-0.6		25,845	11.2	-2.8	-1.2	
Light cream	4,144	17.8	-28.4	-28.4		3,453	18.2	-32.5	-30.3		4,511	18.2	-26.1	-28.8		4,391	18.7	-18.0	-26.2	
Heavy cream	4,360	35.3	-12.2	-12.2		4,424	34.9	-2	-6.5		5,144	34.3	-18.2	-11.2		5,859	34.5	-14.3	-12.1	
Sour cream	13,163	17.0	.3	.3		13,605	16.8	7.1	3.6		15,996	16.8	7.5	5.0		15,663	17.0	3.9	4.7	
Total cream items	21,667	20.8	-9.3	-9.3		21,482	20.8	-3.4	-6.5		25,652	20.6	-6.0	-6.3		25,912	21.3	-5.0	-5.9	
Yogurt	13,822	1.9	9.3	9.3		15,219	1.8	12.1	10.7		20,952	1.7	24.4	16.1		20,664	1.7	30.9	20.1	
Eggnog	117	7.1	—	—		20	5.6	—	—		443	6.3	—	—		530	6.1	—	—	
	May					June					July					August				
Milk and cream mixtures	25,763	11.1	-3.2	-3.2		26,068	11.1	-1.9	-1.6		25,466	11.2	-6.4	-2.3		27,077	11.0	2.7	-1.7	
Light cream	4,700	18.5	-9.1	-9.1		4,810	18.8	-11.7	-21.1		4,423	18.4	-14.4	-20.2		4,892	18.4	-5.6	-18.5	
Heavy cream	5,697	34.4	-2.7	-2.7		5,686	34.5	-5.4	-9.4		5,162	34.5	-15.0	-10.2		4,987	34.7	-1.4	-9.2	
Sour cream	15,333	16.8	4.2	4.2		16,065	16.9	4.3	4.6		15,643	16.8	-2.4	3.5		16,806	16.6	7.9	4.0	
Total cream items	25,730	21.0	0	-4.7		26,562	21.0	-1.1	-4.1		25,228	20.7	-7.5	-4.6		26,685	20.3	3.4	-3.6	
Yogurt	21,175	1.7	40.9	24.3		21,793	1.9	43.6	27.6		18,583	1.9	30.7	28.0		19,957	1.9	34.4	28.8	
Eggnog	8	5.8	—	—		14	4.4	—	—		64	5.8	—	—		3	5.8	—	—	
	September					October					November					December				
Milk and cream mixtures	26,037	11.0	1.9	-1.3		26,524	11.0	.1	-1.2		27,558	11.0*	-2.2	-1.3		29,896	11.1	1.0	-1.1	
Light cream	4,490	18.0*	-10.1	-17.6		4,695	18.1	-7.0	-16.6		5,284	19.3*	-6.3	-15.6		5,381	18.7	-6.1	-14.8	
Heavy cream	4,333	34.6*	-16.1	-9.9		4,397	34.7	-19.0	-10.8		8,683	34.6*	-9.4	-10.6		9,316	34.6	-9.6	-10.5	
Sour cream	15,403	17.0	2.9	3.9		15,342	16.8	.3	3.5		19,358	17.0*	5.0	3.7		25,505	16.8	5.9	4.0	
Total cream items	24,227	20.4*	-3.6	-3.6		24,433	20.3	-5.2	-3.8		33,323	21.9*	-1.0	-3.4		40,201	21.2	.2	-3.0	
Yogurt	17,938	1.8	21.1	28.0		16,236	1.9	16.1	26.8		14,827	1.8	17.9	26.1		12,515	1.9	16.9	25.5	
Eggnog	25	6.6	—	—		225	7.5*	—	—		17,246	7.8*	—	—		49,105	7.4	—	—	

1/ Total packaged disposition in and out of the marketing area by regulated pool plants. Excludes New York-New Jersey, Upper Midwest, Greater Louisiana, New Orleans-Mississippi, and Tennessee Valley.
 2/ Percentage changes over the previous year are based on the same number of comparable markets. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.
 * Correction.

TABLE 11.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, DECEMBER 1976 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	PRODUCT POUNDS 1,000 LBS.			CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
				COTTAGE CHEESE	SKIM MILK POWDER					
NEW ENGLAND AND MIDDLE ATLANTIC	6,101	88,530	32,516	31,386	61,418		53,961	4,281	28,791	306,983
SOUTH ATLANTIC	3,076	16,812	15,311	4,244	6,934		383	4,661	8,896	60,317
EAST NORTH CENTRAL	41,685	516,793	50,009	101,609	181,759		88,554	7,304	78,410	1,066,124
WEST NORTH CENTRAL	28,603	406,678	20,281	33,532	192,128		12,132	3,536	23,619	720,510
EAST SOUTH CENTRAL	3,341	17,922	7,476	3,767	10,733		1,891	1,283	7,036	53,449
WEST SOUTH CENTRAL	7,350	50,149	17,032	17,958	20,196		14,919	6,236	20,746	154,586
MOUNTAIN	2,149	39,274	12,806	17,259	3,781		742	2,559	5,388	83,957
PACIFIC	7,838	45,880	9,799	16,603	41,680		3,854	808	3,902	130,365
TOTAL OF REGIONS 5/	100,143	1,182,038	165,230	226,359	518,629		176,436	30,668	176,787	2,576,291
8 BUTTERFAT POUNDS 1,000 LBS.										
NEW ENGLAND AND MIDDLE ATLANTIC	3,162	3,389	5,119	333	219		887	0	1,707	14,816
SOUTH ATLANTIC	1,155	695	1,708	171	44		14	0	484	4,272
EAST NORTH CENTRAL	17,380	21,259	6,548	1,179	244		903	0	3,236	50,749
WEST NORTH CENTRAL	12,070	15,711	2,481	379	152		91	6/	946	31,830
EAST SOUTH CENTRAL	1,233	824	657	33	0		74	0	310	3,130
WEST SOUTH CENTRAL	2,453	1,730	2,069	177	19		388	0	1,075	7,911
MOUNTAIN	834	1,461	1,124	153	2		27	0	234	3,835
PACIFIC	2,876	1,775	991	160	34		139	0	226	6,202
TOTAL OF REGIONS 5/	41,163	46,844	20,699	2,584	714		2,524	6/	8,218	122,746

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK OVERTERED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.
2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND ABLEATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPEO OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

6/ LESS THAN 500 POUNDS.

TABLE 12.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, DECEMBER 1977 1/

REGION 2/ NEW ENGLAND AND MIDDLE ATLANTIC	BUTTER	CHEESE	FROZEN DESSERTS	PRODUCT POUNDS 1,000 LBS.			SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
NEW ENGLAND AND MIDDLE ATLANTIC	11,301	115,460	28,605	30,326	64,934	55,086	2,860	26,882	335,454		
	2,102	21,337	9,985	2,670	2,294	1,151	5,056	10,136	54,731		
EAST NORTH CENTRAL	34,987	528,852	48,402	106,006	131,910	94,428	10,144	84,129	1,038,859		
	30,104	403,036	18,913	34,465	199,873	13,824	2,858	21,468	724,541		
EAST SOUTH CENTRAL	2,379	19,017	8,103	3,587	5,583	3,763	1,387	6,270	50,088		
	6,085	45,562	17,460	15,673	17,578	10,308	6,102	28,824	147,593		
MOUNTAIN	2,619	36,434	13,218	18,715	1,384	654	2,590	8,904	84,519		
	8,041	50,680	10,571	16,606	45,829	3,137	791	4,027	139,682		
TOTAL OF REGIONS 5/	97,618	1,220,376	155,257	228,048	469,386	182,351	31,789	190,641	2,575,466		
BUTTERFEAT POUNDS 1,000 LBS.											
NEW ENGLAND AND MIDDLE ATLANTIC	4,051	4,308	5,086	358	51	795	0	1,869	16,519		
	739	850	1,733	77	0	11	0	624	4,034		
EAST NORTH CENTRAL	14,857	21,703	5,692	1,108	200	764	0	3,834	48,159		
	12,490	15,380	2,403	360	117	147	0	1,023	31,921		
EAST SOUTH CENTRAL	885	812	731	32	0	149	0	294	2,904		
	2,426	1,543	2,110	175	18	246	0	1,178	7,697		
MOUNTAIN	983	1,307	1,128	154	1	23	0	230	3,824		
	3,078	2,064	947	153	90	116	0	213	6,662		
TOTAL OF REGIONS 5/	39,510	47,968	19,831	2,417	478	2,252	0	9,267	121,721		

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK OVERTOKE AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

Table 13.—Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1977 to date, with comparisons ^{1/}

Manufactured dairy products	January		February		March		April		May		June	
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Percent											
Butter	35.8	33.3	34.2	32.2	30.8	29.3	30.2	28.7	29.1	28.9	27.2	25.3
Cheese	35.7	33.7	35.7	34.2	36.5	34.4	39.2	36.3	39.3	37.2	38.4	37.0
Frozen desserts	17.2	19.8	18.7	20.9	21.2	23.7	19.8	22.5	20.5	21.2	23.1	24.5
Cottage cheese	2.1	2.5	2.3	2.6	2.4	2.9	2.2	2.6	2.2	2.6	2.4	2.7
All other ^{2/}	9.2	10.7	9.1	10.1	9.1	9.7	8.6	9.9	8.9	10.1	8.9	10.5
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Percent											
Butter	25.5	24.7	25.3	24.0	28.9	26.0	32.6	30.6	31.6	31.0	32.5	33.5
Cheese	38.7	37.1	35.5	36.1	34.9	34.9	35.6	35.6	36.1	36.3	39.4	38.2
Frozen desserts	24.5	25.9	27.4	27.4	24.5	26.7	20.4	22.2	20.9	21.1	16.3	16.9
Cottage cheese	2.4	2.7	2.5	2.9	2.6	2.7	2.4	2.3	2.3	2.4	2.0	2.1
All other ^{2/}	8.9	9.6	9.3	9.6	9.1	9.7	9.0	9.3	9.1	9.2	9.8	9.3
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

^{1/} Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

^{2/} Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 14.—Federal order base and excess prices for milk of 3.5 percent butterfat content, January 1/

Marketing area	Base price	Excess price	Marketing area	Base price	Excess price
	January	January		January	January
	1978	1977		1978	1977
	Dollars per 100 lb.			Dollars per 100 lb.	
Central Arkansas			Nashville		
Fort Smith			Oregon-Washington	10.17	9.57
Georgia 2/	10.98	10.39	Puget Sound 2/	10.62	10.05
Memphis			Southern Michigan	9.92	9.34
Middle Atlantic	10.65	10.28			
		8.89			
		8.17			

1/ See footnotes on table 2 for location at which price is reported.
2/ Class I base plan.

Table 15.—Seasonal incentive fund. Louisville plan was not in effect in any market in January.

Table 16.—Dairy product prices and manufacturing milk prices January 1978 to date with comparisons

Dairy product market prices											
	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY, EDIBLE 1/				
	Chicago	New York	Wis. assembling points	Chicago area	plant	Central States	Production Area	NonHygro/Hygro 3/			
	Grade A	Grade AA	Barrel	Blocks	Spray process	NonHygro/Hygro 3/	Production Area	NonHygro/Hygro 3/			
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Cents per pound											
January	100.71	90.82	104.88	94.00	93.09	84.01	100.08	92.62	68.00	62.53	17.54
February		90.82		94.00		84.76		92.62		62.50	8.10
March		92.68		97.01		88.51		93.80		62.45	7.54
April		100.06		103.83		93.38		97.89		64.75	7.34
May		100.71		103.75		92.67		97.86		67.66	7.50
June		100.71		103.75		89.76		97.42		67.68	8.38
July		100.71		103.75		92.34		97.12		67.77	9.49
August		100.71		103.85		93.00		97.12		67.77	10.40
September		100.72		105.46		94.45		98.29		67.94	12.43
October		100.73		106.97		94.13		98.26		67.75	15.54
November		100.89		106.26		93.79		98.82		67.96	16.79
December		101.54		107.44		95.02		100.12		67.94	17.78
Average		98.42		102.51		91.32		96.83		66.22	18.21

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content			
	Minn.-Wis. Manuf.		Butter powder	
	grade milk 4/	"Snubber" 5/		
	1978	1977	1978	1977
Dollars per 100 lb.				
January	8.91	8.19	9.33	8.46
February		8.16		8.46
March		8.31		8.53
April		8.60		9.03
May		8.62		9.30
June		8.60		9.30
July		8.65		9.31
August		8.64		9.31
September		8.74		9.32
October		8.74		9.31
November		8.79		9.33
December		8.87		9.36

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by SRS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by KSCS. 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 18.—Retail prices paid by consumers for dairy products, United States, January 1978 to date, with comparisons 1/

Month	Whole milk and skim milk				Ice cream prepackaged	Cheese American process	Butter <u>2/</u>			
	At stores									
	Whole milk <u>2/</u>	Skim milk <u>3/</u>								
	1978	1977	1978	1977						
	Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.			
Jan.	84.8	83.2	80.7	79.2	139.6	130.5	88.5	87.9	139.2	127.0
Feb.		83.6		78.7		130.7		84.0		126.8
Mar.		83.5		78.4		131.2		84.3		127.4
Apr.		83.4		78.5		130.2		84.8		129.2
May		83.5		78.6		134.7		85.7		133.8
June		83.		78.9		137.0		86.0		134.9
July		83.4		78.6		137.6		86.2		134.9
Aug.		84.2		79.8		135.5		86.7		135.3
Sept.		84.1		80.1		137.5		86.6		136.1
Oct.		84.5		80.4		138.6		87.2		136.5
Nov.		84.6		80.3		137.9		87.5		137.4
Dec.		84.6		80.6		139.6		88.0		138.1
Si. av.		83.9		79.3		135.1		86.2		133.1

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Department of Labor.

2/ 56-city average. 3/ 25-city average. 4/ 45-city average.

Table 19.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, January 1978, with comparisons 1/

Market	Prices at stores				Ice cream		Cheese		Butter	
					prepackaged		American			
	Whole milk		Skim milk				process			
	Jan. 1978	Jan. 1977	Jan. 1978	Jan. 1977	Jan. 1978	Jan. 1977	Jan. 1978	Jan. 1977	Jan. 1978	Jan. 1977
	Cents per half gallon				Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.	
Atlanta, Ga.	106.0	101.2	—	—	140.5	117.9	92.7	90.6	142.2	133.6
Baltimore, Md.	84.9	85.3	—	—	140.8	124.7	92.7	88.9	143.7	127.5
Boston, Mass.	80.8	79.1	—	—	141.7	147.4	89.7	81.1	136.4	119.7
Buffalo, N.Y.	87.6	86.5	—	—	134.3	121.6	87.1	82.7	121.7	114.1
Chicago, Ill.—NW.—Ind.	86.5	81.7	81.1	81.5	136.6	123.2	80.4	82.1	141.7	125.3
Cincinnati, Ohio	85.5	85.5	84.1	82.7	133.1	120.7	92.1	83.8	148.6	136.9
Cleveland, Ohio	74.1	75.8	—	—	125.5	119.6	85.6	93.2	147.7	124.1
Dallas, Texas	93.6	87.0	87.1	84.5	318.8	129.0	87.7	85.6	144.1	133.7
Detroit, Mich.	76.8	76.1	—	—	131.7	126.8	89.1	87.4	138.6	121.2
Honolulu, Hawaii	114.6	110.7	111.9	108.0	169.8	156.6	104.0	106.0	148.7	140.3
Houston, Texas	100.4	98.1	101.0	92.7	165.2	148.7	100.6	96.0	149.6	138.0
Kansas City, Mo.	88.5	80.8	82.0	78.3	127.8	127.2	93.5	88.0	156.9	142.6
Los Ang.—L. Beach, Ca.	71.5	69.3	62.9	59.4	129.2	116.8	92.7	88.9	135.8	124.5
Milwaukee, Wisc.	82.6	80.7	79.4	77.3	124.1	124.6	89.3	88.9	122.4	110.3
Mpls.—St. Paul, Minn.	71.6	74.9	51.9	60.8	123.8	132.0	98.4	93.1	132.3	115.0
New York—NE. N.J.	86.7	86.0	—	—	170.3	157.8	92.7	88.9	146.7	136.1
Philadelphia, Pa.	90.6	87.8	—	—	169.3	148.6	88.8	81.4	147.0	134.2
Pittsburgh, Pa.	82.8	76.4	82.3	76.9	142.4	123.5	90.4	80.0	133.1	123.3
St. Louis, Mo.	85.2	82.4	81.5	79.5	148.8	130.7	93.6	87.2	139.3	128.6
San Diego, Calif.	69.8	70.6	63.0	60.9	132.5	126.8	95.0	91.0	139.0	127.0
San Fran.—Oak., Calif.	72.6	71.9	—	—	129.4	128.6	98.7	91.7	132.8	123.0
Seattle, Wash.	82.9	81.0	79.1	76.8	141.3	144.0	102.1	91.6	134.0	118.7
Washington, D.C.—Md.—Va.	82.8	85.6	69.5	71.2	170.6	153.0	92.4	89.6	151.0	127.7
United States <u>2/</u>	84.8	83.2	80.7	79.2	139.6	130.5	88.5	87.9	139.2	127.0

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 45-city average for whole milk and butter, 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.

Table 20.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, Annual 1977, with comparisons 1/
American process, and butter, 23 cities, Annual 1977, with comparisons 1/

Market	Prices at stores			Ice cream			Cheese			Butter		
	Whole milk			Skim milk			American			process		
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Cents per half gallon			Cents per 1/2 gal.			Cents per 1/2 lb.			Cents per lb.		
Atlanta, Ga.	102.3	98.6	—	—	125.7	112.8	91.6	89.6	137.8	126.0		
Baltimore, Md.	84.5	84.9	—	—	130.0	116.3	89.9	86.1	136.7	127.7		
Boston, Mass.	79.9	77.9	—	—	143.8	144.2	83.9	82.4	124.9	131.2		
Buffalo, N.Y.	87.6	85.4	—	—	129.3	118.2	83.8	82.0	118.8	114.3		
Chicago, Ill.—NW.—Ind.	84.7	82.4	81.1	79.2	128.9	123.6	85.5	80.4	134.3	121.6		
Cincinnati, Ohio	85.1	83.8	83.7	80.6	127.3	115.9	87.9	83.7	140.1	135.2		
Cleveland, Ohio	75.7	71.5	—	—	119.7	113.5	88.9	90.7	138.4	123.2		
Dallas, Texas	89.9	85.9	83.6	79.2	131.7	122.6	86.4	85.3	138.1	131.4		
Detroit, Mich.	76.5	76.3	—	—	129.4	114.1	89.3	85.0	128.2	118.4		
Honolulu, Hawaii	113.3	108.2	110.5	106.6	164.4	157.9	104.0	103.3	140.0	141.4		
Houston, Texas	98.0	96.8	95.7	95.6	149.7	145.4	97.6	100.9	144.7	140.4		
Kansas City, Mo.	85.0	82.1	80.0	78.8	124.3	125.3	89.1	86.0	149.2	138.3		
Los. Ang.—L. Beach, Ca.	68.2	68.8	59.4	59.1	121.4	113.8	89.7	89.3	131.5	124.9		
Milwaukee, Wisc.	81.1	78.5	77.5	74.6	123.4	125.5	88.2	86.9	116.4	113.3		
Mpls.—St. Paul, Minn.	75.3	76.7	60.9	64.3	122.8	117.8	97.6	91.3	123.4	117.3		
New York—NE. N.J.	86.1	85.6	—	—	166.5	156.1	89.8	86.7	141.1	132.8		
Philadelphia, Pa.	88.9	86.9	—	—	157.3	147.7	83.5	79.6	139.3	132.3		
Pittsburgh, Pa.	79.8	76.7	79.6	76.3	129.5	121.5	88.9	77.7	127.8	120.8		
St. Louis, Mo.	83.3	82.0	79.1	78.1	139.2	126.3	90.1	86.5	134.3	125.6		
San Diego, Calif.	67.5	69.8	60.5	61.1	131.1	118.9	92.4	90.5	134.2	128.1		
San Fran.—Oak, Calif.	71.6	70.7	—	—	131.6	121.9	95.1	90.7	129.5	121.3		
Seattle, Wash.	81.6	81.6	77.3	77.2	137.4	137.2	94.0	91.0	124.8	121.5		
Washington, D.C.—Md.—Va.	82.8	85.0	70.0	74.7	161.8	143.2	90.7	88.6	140.8	131.4		
United States 2/	83.9	82.7	79.3	78.0	135.2	127.1	86.0	86.5	133.1	126.1		

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 45-city average for whole milk and butter, 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.

Table 21.--U.S. production, January 1978 to date, with comparisons

Month	Milk 1/		Butter 2/		Total Cheese		Nonfat dry milk 2/		Frozen desserts	
	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. gals.	
Jan.	10.0	9.9	108.3	105.6	274.0	264.8	79.7	71.5	69.5	69.9
Feb.		9.3		96.2		254.0		72.3		75.7
Mar.		10.6		98.4		299.2		87.5		101.1
Apr.		10.7		100.4		301.9		107.1		98.0
May		11.4		103.9		326.6		119.6		104.4
June		11.0		95.0		314.1		132.7		120.8
July		10.7		84.2		282.6		120.7		118.9
Aug.		10.4		78.2		271.6		100.7		121.9
Sept.		9.9		75.5		251.4		78.4		105.0
Oct.		9.8		84.9		254.3		71.5		85.4
Nov.		9.4		81.8		248.5		65.9		78.9
Dec.		9.8		89.3		275.0		77.5		73.4
Year to date	10.0	123.0	108.3	1,093.6	274.0	3,344.3	79.7	1,105.2	69.5	1,153.3

* Preliminary.

** Partially revised.

1/ "Milk Production," ESCS.

2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.

3/ May not add due to rounding.

Table 22.--Commercial and government storage holdings, January 1978 to date, with comparisons

Month	Storage Holdings 1/											
	Butter 2/				Total Cheese 2/				Nonfat dry milk 2/			
	Commer-		Total		Commer-		Total		Commer-		Total	
	cial	Gov't	1978*	1977**	cial	Gov't	1978*	1977**	cial	Gov't	1978*	1977**
	1978	1978*	1978*	1978*	1978*	1978*	1978*	1978*	1978*	4/	1978*	1978*
	Million pounds				Million pounds				Million pounds			
Jan.	55.3	140.7	196.0	67.6	402.8	37.9	440.7	485.7	61.4	628.0	689.4	461.6
Feb.				94.3				470.6				469.5
Mar.				106.4				486.9				465.4
Apr.				128.5				511.4				520.9
May				164.0				558.5				538.8
June				196.8				583.9				579.2
July				208.4				592.3				619.5
Aug.				207.7				590.1				653.2
Sept.				203.4				554.0				685.9
Oct.				198.3				502.8				689.5
Nov.				193.7				479.2				673.9
Dec.				184.9				468.6				677.9

* Preliminary.

** Based on partially revised data.

1/ End of month.

2/ "Cold Storage Reports," ESCS.

3/ "Dairy Products," ESCS.

4/ "Summary of Processed Commodities in Store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1978 to date, with comparisons

Month	Butter 1/		American cheese		Nonfat dry milk		Milk equivalent of net U.S.D.A. purchases 2/	
	1978	1977	1978	1977	1978	1977	1978	1977
	1,000 lb.		1,000 lb.		1,000 lb.		Mil. lb.	
Jan.	25,994	32,411	1,446	17,849	29,059	32,801	554	846
Feb.		31,520		23,275		30,230		883
Mar.		11,599		17,796		13,899		417
Apr.		25,880		6,585		37,259		602
May		43,663		13,986		62,767		1,043
June		35,057		23,167		78,224		954
July		15,988		16,829		67,787		501
Aug.		13,466		23,999		62,697		521
Sept.		317		2,892		38,278		39
Oct.		6,972		1,409		26,422		162
Nov.		5,448		380		22,047		119
Dec.		260		350		20,263		6
Year to date	25,994	222,581	3/ 1,446	4/148,519	29,059	492,674	5/ 554	6/ 6,092

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 1,044 thousand pounds purchased in 500-pound barrels.

4/ Includes 21,905 thousand pounds purchased in 500-pound barrels.

5/ Includes 34 million pounds (milk equivalent) of evaporated.

6/ Includes 342 million pounds (milk equivalent) of evaporated.

HOW FEDERAL MILK ORDER MARKET STATISTICS ARE DEVELOPED AND WHAT THEY MEAN

Federal milk orders were effective in 47 milk marketing areas on January 1, 1978. The statistical data collected under the Federal milk order program are an important segment of the information needed to administer the orders. These data also are compiled and released for the use of persons who are interested in comprehensive information on milk supplies, utilization, and sales, as well as prices established under the various milk orders.

Statistical Bulletin No. 248, "Federal Milk Order Market Statistics, 1947-56," and annual compilations thereafter, contain historical data about Federal milk orders. A public release of monthly information is made in a monthly report also entitled "Federal Milk Order Market Statistics."

WHAT IS A FEDERAL MILK MARKETING ORDER?

It is a regulation issued by the Secretary of Agriculture which places certain requirements on the handling of milk in the area it covers. It is established under the authority of the Agricultural Marketing Agreement Act of 1937, as amended. It requires that handlers of milk for a marketing area pay not less than certain minimum class prices established according to how the milk is utilized. These prices are established under the order after a public hearing at which evidence is received on the supply and demand conditions for milk in the market. A milk order, including the pricing provisions and all other provisions, becomes effective only after approval by dairy farmers. It requires that payments for milk be pooled and paid to individual farmers or cooperative associations of farmers on the basis of a uniform or average price.

WHY FIGURES ARE COLLECTED?

In order to determine how much milk handlers use in each price class, they are required to file reports showing their receipts of milk from each source and the quantity used or disposed of in each form. Receipts of milk directly from farms and receipts from other plants are reported separately. All major fluid milk products and manufactured milk products are listed on the report form and handlers are required to specify the volume and butterfat content of milk used in each product. From these reports data are compiled and totaled for each market.

On the basis of these reports, the market administrator makes preliminary computations of each handler's obligation and calculates the minimum price he must pay producers. The market administrator is the Federal official in each market who, with the assistance of a staff, administers the terms of the Federal order.

ARE FIGURES VERIFIED?

Following the receipts of reports from handlers and the computation of this preliminary statement of handlers' obligations, the market administrator sends auditors to handlers' plants where they examine books and records of plant operations to determine whether milk was actually used as reported and whether required payments were made to producers. Thus, reported data are subject to audit.

Since Federal milk order statistics are developed from complete records of the quantities of milk priced under Federal orders rather than sample data, they provide reliable market information. In using these data, however, it is important to understand the character of fluid milk markets, the scope of data collected and reported under Federal orders, and certain limitations in the use of the data.

FEDERAL ORDER TERMS

Marketing Area. A marketing area is a designated trading area within which the handling of milk is regulated by the Federal order. Generally, the size of the marketing area is determined by the sales territory of competing handlers.

Producer. A producer is usually any dairy farmer who sells milk to a pool handler. He must not be a producer-handler; he must produce milk in compliance with Grade A or similar inspection requirements; and his milk must either be received at a pool plant or diverted to a nonpool plant for the account of a pool handler.

Handler. A handler is a person or business entity, either a milk processor or a milk distributor, who is subject to the provisions of the orders. Under most orders he is any milk dealer whose plant is approved by a duly constituted health authority, and who disposes of Grade A fluid milk products in the marketing area. Handlers include persons who sell milk to other milk dealers as well as persons who sell milk to consumers and retailers.

Federal orders provide for three general types of handlers.
They are:

- A. Operators of Pool Plants (Pool Handler). Operators of plants which meet minimum performance standards included in each order and which are subject in full to the provisions of an order. There are three types of pool plants--distributing plants, supply plants, and cooperative association plants.
- B. Operators of Nonpool Plants. Operators of plants from which fluid milk products are disposed of in the marketing area or to pool plants, but which do not meet the requirements for pooling. There are four types of nonpool plants--Other Order Plant, Producer-Handler Plant, Partially Regulated Distributing Plant, and Unregulated Supply Plant.
- C. Cooperative Associations. Cooperatives which operate pool plants qualify as handlers. Also, a cooperative may have pool handler status under most Federal milk marketing orders if it either diverts producer milk or delivers its members' bulk tank milk directly to pool plants.

Classes of Milk. Classes of milk are defined in each Federal order and in some cases vary from market to market. Therefore, the order itself is the only source of complete information regarding the classification of milk in a given market. (For complete information on orders, see U.S. Code of Federal Regulations, Title 7, Parts 1000 to 1199.)

Most orders provide for three classes. In general, if milk is disposed of by a handler as whole milk, lowfat milk, or skim milk, it is classified as Class I milk. If milk is disposed of as fluid cream or in soft manufactured products such as cottage cheese and frozen desserts, it is Class II; and if disposed of in hard manufactured products such as cheese, butter, and milk products in dry form, it is Class III.

WHAT IS INCLUDED IN RECEIPTS, SALES, AND PRICES

Receipts. Federal milk order statistics include volumes of milk received by handlers regulated under each of the Federal orders. The volume of milk reported as received by handlers from producers includes all such milk regardless of where it may be sold. Milk identified as received from producers for a given market may come directly from nearby producers or from producers associated with a pool supply plant which is located several hundred miles from the marketing area.

Class I producer milk is the quantity of milk delivered by producers for which handlers were required to pay the minimum Class I price established by the orders. Total (or gross) Class I milk includes any milk from sources other than producers which is assigned to Class I.

Sales. In Federal order market statistics, an important distinction is made between sales of fluid milk products in a marketing area and fluid milk and cream dispositions by handlers regulated in a market. The latter are total dispositions by the handlers fully regulated under an order and include their disposition both inside and outside the defined marketing area of that order. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

On the other hand, in-the-marketing-area fluid milk sales (whole milk items and lowfat and skim milk items) represent sales in each of the marketing areas by handlers regulated under the respective order, by handlers regulated under other Federal orders, by partially regulated handlers, and by producer-handlers. These data are useful in appraising trends in sales of fluid milk products which are due to changes in population and per capita consumption in the Federal order marketing area.

Order amendments may change marketing areas. In those instances, sales are shown for such marketing areas, if possible, for an entire year--both according to the area before the change was made and according to the defined area after the change. This permits year-to-year comparisons, both before and after the change.

Prices. All prices reported for Federal milk order markets are the minimum prices required to be paid under order terms. Handlers may pay prices in excess of these minimum amounts. Any such payments in excess of Federal order prices are in no way enforced by Federal milk orders and are not reported in Federal milk order statistics.

Class I Prices. In all markets the Class I price is based on the Minnesota-Wisconsin price. To this price is added a fixed differential stated in the order. In addition, the level of Class I prices may be limited by a tie to another market.

Manufacturing Class Prices. Prices for producer milk used in classes other than Class I are related to the Minnesota-Wisconsin price series. In a few orders the prices for milk used in other than Class I are based on the lower of the Minnesota-Wisconsin price or a butter-powder formula price.

Uniform (Blend) Prices. In Federal order markets, minimum prices required to be paid producers are termed uniform or "blend" prices. In markets where marketwide pools are used, the blend price is the weighted average of all class values of milk used by all handlers, and all producers must be paid at least this average price per hundredweight, subject to butterfat and location differentials. For orders which provide for individual handler pools, the blend price reported in statistics for each market is a weighted average of all such individual handlers' blend prices. In markets where producer prices are established in terms of a base price and an excess price, the blend price reported represents the weighted average of base and excess payments.

Location Differentials. The Class I price announced by the market administrator is subject to adjustment, depending on the location of the plant. Nearly all orders provide for downward adjustment of prices at plants which are distant from the major consuming centers to reflect the cost of hauling milk to the city. Generally, Class I prices are progressively lower with increasing distance from the basing point (usually the major city in the marketing area).

Blend prices and base prices paid to producers are subject to adjustment, depending on the location of the plant where the producer ships his milk. The adjustment is the same as the location adjustments applied to the Class I price.

Butterfat Differentials. All Federal order prices are quoted on a 3.5 percent butterfat basis. To adjust prices for a higher or lower butterfat content, a butterfat differential is used. The butterfat differential is the amount by which the applicable price is increased or decreased for each one-tenth of one percent that the butterfat content of the milk is above or below 3.5 percent. The butterfat differential does not represent the value of butterfat, but reflects the difference between the values of 0.1 pound of butterfat and 0.1 pound of skim milk.

Seasonal Incentive Payment Plans. Two methods are used in Federal milk orders to encourage more even production of milk throughout the year. They are: Louisville (takeout and payback) plans and seasonal base plans for paying producers.

- A. Louisville Plans. The market administrator withholds a specified amount from the blend price in each of several spring months when milk production is seasonally high and puts it into a special fund. In each of several fall months when milk production declines, a proportion of the total amount withheld is paid to producers.

- B. Seasonal Base Plans. Each year each producer establishes a base equal to his average daily delivery of milk during the season of low production for the market. The base forming period is specified in the order and need not be limited to one year. During the base-paying months, a producer is paid a higher price for the portion of his milk that does not exceed his base, and a lower price (approximately equal to the surplus class price) for deliveries that exceed his base.

Class I Base Plans. The Food and Agriculture Act of 1965, as extended and revised by the Agriculture Act of 1970, provides that producer bases may be related to higher-valued fluid sales. Deliveries by a producer in excess of his base would be at the surplus milk price. The Food and Agriculture Act of 1977 extended the expiration date of the revised Class I base plan authority to December 31, 1981. However, Class I base plans issued prior to this date may continue in effect through December 31, 1984. As of January 1, 1978, only the Puget Sound and Georgia markets have incorporated Class I base plans into their orders.

SUMMARY OF STATISTICS FOR ALL FEDERAL ORDER MARKETS

In order to measure certain changes in a group of markets, Federal milk order statistics have been summarized to show data for a group of markets which have been in continuous regulation and which have had no significant marketing area expansions from January 1 of one year through December 31 of the following year. However, comparability of data (producer receipts, Class I sales, and Milk disposed of in fluid milk and cream products and in manufactured products) can be affected by changes in order provisions other than marketing area changes. These may include changes in classification, pricing, handler definitions, etc. Also, noticeable differences can occur in data because of changes in marketing practices which result in changes in the number of producers or plants associated with the particular Federal order market concerned.

Table 1.—Schedule of Federal milk order market administrator budgets 1/, by main market 2/, 1977 and 1978

Expenses	All Market Administrators		Central Arizona		Central Arkansas 4/		Chicago Regional		Eastern Colorado 5/	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Group Authorization 2/										
Salaries and Services	5,162,411	5,425,246	46,600	46,600	55,700	54,950	496,170	635,980	124,000	122,400
Travel	16,676,300	17,131,177	187,500	187,500	275,000	260,000	1,721,500	1,868,960	470,000	497,000
Equipment — Purchases	1,692,070	1,854,300	19,500	19,500	16,000	15,000	168,520	197,000	61,500	59,500
Conference — Meetings	288,450	323,200	2,300	2,300	1,000	1,000	25,000	55,000	10,000	6,000
Miscellaneous	68,875	68,994	1,100	1,100	1,200	1,000	7,000	7,000	3,000	3,000
Total	72,645	78,110	2,300	2,300	400	400	7,600	7,700	2,100	2,150
Administrative Fund	23,960,751	24,881,027	259,300	259,300	332,350	332,350	2,425,790	2,771,640	670,600	690,950
Marketing Service Fund	20,878,445	21,620,987	220,380	222,998	319,322	319,322	2,312,280	2,637,340	613,635	644,650
Total	3,082,306	3,260,040	38,920	36,302	14,854	13,028	113,510	134,300	56,965	45,100
Total	23,960,751	24,881,027	259,300	250,300	332,350	332,350	2,425,790	2,771,640	670,600	690,950

Expenses	East, Ohio-West, Pa.		Georgia		Middle Atlantic		Greater Kansas City 6/		Indiana	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Group Authorization 2/										
Salaries and Services	289,900	298,000	106,391	101,896	325,600	314,130	207,500	248,000	102,000	123,000
Travel	915,000	933,000	416,800	458,217	1,072,900	1,100,000	780,000	875,000	400,000	420,000
Equipment — Purchases	102,000	110,000	35,500	47,150	110,000	116,100	109,000	110,000	38,000	40,000
Conference — Meetings	26,000	7,000	9,000	4,000	40,900	40,900	20,750	17,500	9,000	15,000
Miscellaneous	3,000	3,000	2,200	2,394	4,000	4,000	3,150	2,000	2,300	2,300
Total	2,000	2,000	1,870	1,870	5,000	5,000	2,100	3,650	1,610	1,610
Administrative Fund	1,337,000	1,353,000	571,761	615,527	1,558,400	1,580,130	1,122,500	1,256,150	552,910	601,910
Marketing Service Fund	73,000	73,300	466,446	481,292	1,201,064	1,232,805	1,026,500	1,131,150	482,910	521,910
Total	604,000	617,700	1,05,615	134,235	357,336	347,325	96,000	125,000	70,000	80,000
Total	1,337,000	1,353,000	571,761	615,527	1,558,400	1,580,130	1,122,500	1,256,150	552,910	601,910

Expenses	Louisville-Lex.-Evans. 7/		New England		New Orleans-Miss. 8/		New York-New Jersey		Ohio Valley	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Group Authorization 2/										
Salaries and Services	204,200	189,900	352,550	356,800	181,300	169,700	958,500	993,700	295,000	295,000
Travel	722,000	722,000	1,425,000	1,453,000	490,000	575,000	2,484,000	2,381,000	675,000	675,000
Equipment — Purchases	70,000	70,000	85,000	85,350	64,000	59,000	195,000	200,000	90,000	90,000
Conference — Meetings	6,000	3,000	24,000	41,300	5,000	10,000	12,000	14,000	50,000	30,000
Miscellaneous	3,000	3,000	2,000	2,000	3,425	3,900	10,500	10,500	4,000	4,000
Total	3,600	1,800	6,950	7,500	14,175	1,325	13,000	14,000	3,000	3,000
Administrative Fund	1,008,800	989,700	1,895,500	1,945,950	744,900	818,925	3,673,000	3,613,200	1,117,000	1,097,000
Marketing Service Fund	796,952	742,275	1,588,225	1,559,460	685,166	780,625	3,673,000	3,613,200	873,500	850,500
Total	211,848	247,425	307,275	386,490	59,734	38,300	0	0	243,500	246,500
Total	1,008,800	989,700	1,895,500	1,945,950	744,900	818,925	3,673,000	3,613,200	1,117,000	1,097,000

Table 1.—Schedule of Federal milk order market administrator budgets 1/, by main market 2/, 1977 and 1978 —Continued

Expenses	Oklahoma Metropolitan <u>2/</u>		Oregon-Washington <u>10/</u>		St. Louis-Oarks <u>11/</u>		Southeastern Florida <u>12/</u>		Southern Michigan <u>13/</u>	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Group Authorization <u>2/</u>	178,900 :	181,000 :	196,100 :	193,880 :	190,000 :	190,000 :	96,700 :	93,800 :	215,900 :	226,310 :
Salaries and Services	655,000 :	685,000 :	844,000 :	866,200 :	520,000 :	520,000 :	375,000 :	380,000 :	615,000 :	585,000 :
Travel	96,550 :	97,750 :	87,000 :	92,750 :	60,000 :	91,200 :	36,000 :	38,000 :	70,000 :	90,000 :
Equipment — Purchases	5,000 :	5,000 :	10,000 :	12,000 :	3,000 :	7,500 :	1,500 :	1,000 :	5,000 :	20,000 :
Conference — Meetings	2,500 :	2,500 :	3,500 :	3,500 :	2,200 :	3,000 :	1,800 :	1,800 :	3,650 :	3,650 :
Miscellaneous	6,900 :	6,750 :	2,600 :	2,925 :	2,250 :	3,200 :	200 :	200 :	290 :	230 :
Total	944,850 :	978,000 :	1,143,200 :	1,171,255 :	777,450 :	814,900 :	511,200 :	514,800 :	909,840 :	925,190 :
Administrative Fund	908,480 :	941,568 :	910,716 :	954,417 :	736,350 :	784,900 :	502,000 :	498,800 :	877,840 :	873,125 :
Marketing Service Fund	36,370 :	36,432 :	232,484 :	216,838 :	41,100 :	30,000 :	9,200 :	16,000 :	32,000 :	52,065 :
Total	944,850 :	978,000 :	1,143,200 :	1,171,255 :	777,450 :	814,900 :	511,200 :	514,800 :	909,840 :	925,190 :

Expenses	Texas		Upper Midwest	
	1977	1978	1977	1978
Group Authorization <u>2/</u>	261,500 :	312,500 :	278,800 :	277,700 :
Salaries and Services	925,000 :	950,000 :	707,600 :	739,300 :
Travel	101,500 :	139,000 :	77,000 :	87,000 :
Equipment — Purchases	20,000 :	20,000 :	3,000 :	10,700 :
Conference — Meetings	3,500 :	3,500 :	1,850 :	1,850 :
Miscellaneous	6,500 :	9,500 :	1,000 :	1,000 :
Total	1,318,000 :	1,434,500 :	1,069,250 :	1,117,550 :
Administrative Fund	1,062,305 :	1,181,100 :	873,350 :	914,250 :
Marketing Service Fund	255,695 :	253,400 :	195,900 :	203,300 :
Total	1,062,305 :	1,434,500 :	1,069,250 :	1,117,550 :

1/ Market Administrator budgets are estimates of expenditures during the year. The budgets are reviewed and approved by the Director, Dairy Division, AMS, and expenditures are audited by the Office of Audit, United States Department of Agriculture. 2/ For those market administrators who are responsible for more than one order, the individual market budgets have been consolidated into one budget and shown for the market where the market administrator has an office.

3/ Group Authorization includes the following: communications, employee insurance and retirement, insurance, leasehold improvements, rent, repairs and maintenance, research projects, supplies, testing and weighing, and utilities. 4/ Market administrator also administers Memphis and Fort Smith. 5/ Market administrator also administers Great Basin, Lake Mead, and Western Colorado. 6/ Market administrator also administers Black Hills, Iowa, Eastern South Dakota, and Nebraska-Western Iowa. 7/ Market administrator also administers Nashville and Tennessee Valley. 8/ Market administrator also administers Greater Louisiana. 9/ Market administrator also administers Wichita, Neosho Valley, Red River Valley, Lubbock-Plainview, Texas Panhandle, and Rio Grande Valley. 10/ Market administrator also administers Pugal Sound and Inland Empire. 11/ Market administrator also administers Southern Illinois, Central Illinois, and Paducah. 12/ Market administrator also administers Tampa Bay and Upper Florida. 13/ Market administrator also administers Michigan Upper Peninsula.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
WASHINGTON, D.C. 20250

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OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

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FIRST-CLASS MAIL

MAJOR ORDER ACTIONS, JANUARY 1978

There were no final actions effective during this period.